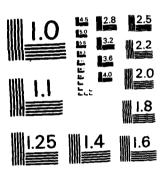
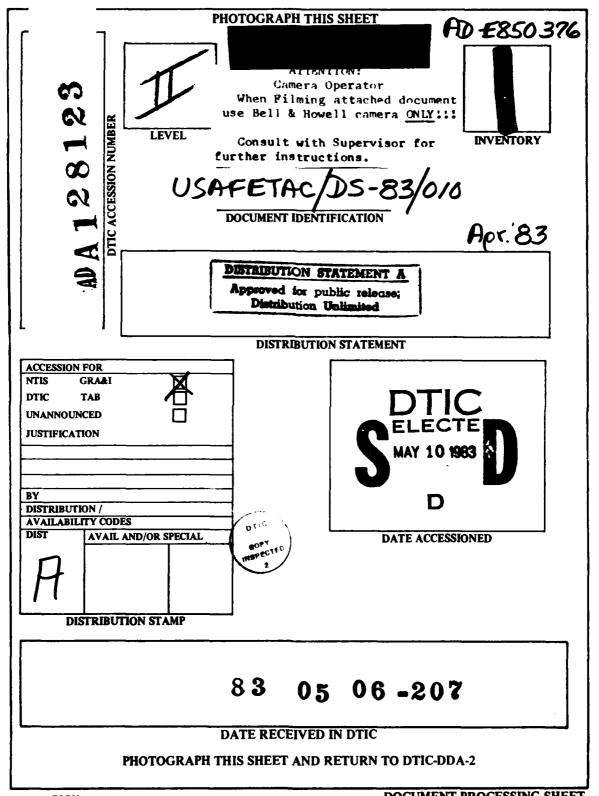
,	28 123 SSIFIE	SURF	ALE WEAT	MPK TIMSP	RVA (II) AID	ENDCE :	SUMMARY OF ENVIRONMENTA APR 83 F/G 4/2		4.
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11 8 Arn 1983

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

FULUM MAF DL

N 50 32 E 009 38

ELEV: 1000 FT

MSC # 105445

EDEX

Partis A - F

HOURS SUMMARIZEL:

0500Z - 160CZ

PERIOD OF RECURL:

HOURLY OBSERVATIONS: JAN 73 - DEC 81 SUM AR) OF DAY BATA: NOIE AVAILABLE

TIME CONVERSION CMT TO LOT: +1

APR 15 1962

"Approved For Du Fig Release; Distribution Unlimited."

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REVIEW AND APPROVAL STATEMENT

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

WAYNE R. MCCOLLOM
Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGMANN

AWS Scientific and Technical Information Officer (STINFO)

UNCLASSIFIED ADE 850 376 DL 105 445

REPORT DOCUMENTATION I	PAGE	READ INSTRUCTIONS
		BEFORE COMPLETING FORM NO. 3 RECIPIENT'S CATALOG NUMBER
USAFETAC/DS 83/010		
4. TITLE (end Subtille) Revised Uniform Summa		5 TYPE OF REPORT & PERIOD COVERED
Weather Observations	(RUSSWU)-	Final rept
		6. PERFORMING ORG. REPORT NUMBER
FUIDA AAF, WEST CERMANY	'	8. CONTRACT OR GRANT NUMBER(a)
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
Air Force Environmental Technical	Appl. Center	ì
Scott AFB, IL 62225		1
11. CONTROLLING OFFICE NAME AND ADDRESS		12. REPORT DATE
USAFETAC/CBD		APR 83
Air Weather Service (MAC) Scott AFB, IL 62225		13. NUMBER OF PAGES
14 MONITORING AGENCY NAME & ADDRESS(II dillerent	from Controlling Office) 15 SECURITY CLASS. (of this report)
		UNCLASSIFIED
		15a. DECLASSIFICATION DOWNGRADING
16. DISTRIBUTION STATEMENT (of this Report)		-
Approved for public release; distr		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and *RUSSWO Daily temper		Atmospheric pressure
Snowfall Extreme snow		Extreme surface winds
Climatology Sea-level pr		sychrometric summary
Surface Winds Extreme temp		Ceiling versus visibility
Relative Humidity *Climatologic 20. ABSTRACT (Continue on reverse side II necessary and		(over)
This report is a six-part statisit for		
FULDA AAF, WEST GERMANY It contains the following parts: (B) Precipitation, Snowfall and Sn (C) Surface winds; (D) Ceiling ver	ow Depth (Dail	y amounts and extreme values):

DD 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*WEST GERMANY

*FULDA AAF

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

INCLASSIFIED
SECURITY CLASSIFICATION OF THE PAGE(When Date Entered)

Since Fulda AAF, DL is a part time observing station, we partitioned the data to use only those observations from 05002 to 16002. The hourly data 1700Z to 0400Z were not used in the production of this summary. This is done to reduce any bias in the summaries which could result from using those infrequent observations outside the normal operating hours.

This RUSSWO must be used with caution. The title page contains a stamped entry "Data Not Available" next to those summaries that are not included, i.e., 24-Hour Precipitation: This station being closed on weekends and holidays obviously renders this summary as questionable (is the data for 24, 48 or 60 hours at beginning of new week?)

The remaining summaries contain serious misleading values that if used would present gross inaccurate climatology for the station, therefore the "ALL ALL" summaries were removed (because they do not represent the "ALL" hours summaries):

SECTION A Weather Conditions

SECTION C Surface Winds

SECTION D Ceiling Versus Visibility

SECTION E Psychrometric Summary and Relative Humidity

The remaining Hourly Summaries must be used with caution and the following values NOT USED: TOTALS, MEANS AND STANDARD DEVIATIONS. (The values are for 0500Z to 1600Z only and not for a 24 Hour period).

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV c. USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 99999) which will appear on future OL-A standard products.

US AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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DAILY OBSERVATIONS

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DESCRIPTION OF SUMMARIES

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on the second of the continuous control of the first line of the first line.

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART & PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NO. MANGE

SNOW DEPTH DATA

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN. & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AN ANDALLE

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

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MISSING HOUR GROUPS

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		STATION LOCATI				MENT	TATION			.5
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1 2 3 4 5 6 7 8	Fulda Ge No chang No Chang No Chang No Chang No Chang No Chage	de de de de de	AAF AAF	Sep 60 Dec 64 Jan 66 5 Jul 66 Nov 66 Dec 67 4 Feb 69 Dec 70	Nov 67 3 Feb 69	No Chge No Chge	E 009 38 No Change No Chge	1010 No Chge No Chge No Chge No Chge No Chge 1000	N/A 995 No Cho No Cho	e 17 13 to 1
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OF OCATION	OF CHANGE	LOCATION		TYPE OF TRANSMITT	TYPE OF RECORDER	NT ABOVE CROUND	REMARKS. ADS	HITIONAL EQUIP	MENT, OR REAS	SON FOR CHANGE
1	Sep 60 to Dec 62	Located on top of control	tower:	AN/GMQ	-11 None	54 Ft				
2	Jan 63 to 28 Dec 6 29 Dec 6					15 Ft				
4	to Dec 7 Nov 82			Same	Same	Same				·

MUMBER	DATE	SURFACE WIND E	DUIPMENT INFORMATION								
DEATION	OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE CROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANCE					
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U S AIR FORCE
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APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to ion, derived from neurly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By mouth, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or crizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

A - 1

A

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GL'BAL CLIMATOLOGY BRANCH

STAFETAC

A: WEATHER SERVICE/MAC

WEATHER CONDITIONS

1C-445 FULDA AAF DL 73-81
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS 45 T.:	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING . RAIN & OR DRIZZLE		HAIL	S OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	N OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	0-00			. !								 ,,	
	Z-35	: 							·	· · · · · · · · · · · · · · · · · · ·			
	26-03		15.9	1.1	8.5		24.3	50.4	8 • 2			58.6	597
	9-11		17.3	1.0	10.7		27.9	42.7	11.1			53.8	687
	12-14		13.8	. 8:	10.2		24.5	29.0	18.2	<u></u>		47.2	638
	15-17	• 2	17.9	. 4	1 - 4		27.7		19.2			44.3	546
	18-20												
	1-23			–	,•		·						
													. =
		_											
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										: 		*************************************	
TOTALS		. 1	16.7	•8	10.0		26.1	36 • 7	14.2			5**9	2463

USAFETAC FORM 0-10-510L A/2 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLIMATOLOGY BRANCH USAFLTAC ALR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 445	FULDA AAF DL	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

момтн	HOURS LST;	THUNDER- STORMS		FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF QBS
FEB	0-02					_							
	3-05												
	6-38		11.5	. 4	11.5		22.8	52.2	7.2			59.4	556
	9-11		11.9	• 2	12.8		23.6	44.5	11.1			55.6	647
	12-14		13.1		11		22.0	28.5	19.1			47.7	596
	15-17		14.5		10.5		23.0	18.8	22.8	• 2		41.9	504
	18-2												
	21-23		; !	: 									
					!								
				! !									
						_							
TOTALS			12.8	•2	11.2		22.9	36 • D	15.1	• 1		51.2	2303

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLIBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

WEATHER CONDITIONS

1 445	FULDA AAF DL	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
₩AR	0-02						1						
	3-05	·								ļ			
	80-9		16.1		4 • 8		21.8	41.2	11.5	 		52.1	629
	(, 9 - 1 1		16.		7.3		21.2	30.2	14.2			44.4	725
	17-14		14.6	· · · · -	5 • 6		19.2	9.8	25.6			37.3	676
	15-17		15.1		3 • 8		18.4	11.5	14.8			26.3	581
	19-2			·									
	1-23									·		·	
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							<u> </u>					· ·	
				<u>, </u>		~						i ;	
TOTALS			10.9		5 - 3		2002	23.2	15.2			39.3	2611

USAFETAC PORM 0:10 5/QL A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLEBAL CLIMATOLOGY BRANCH U AFETAC ATT WEATHER SERVICE/MAC

WEATHER CONDITIONS

1" 445	FULDA AAF DE	73-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DBSERVATIONS

MONTH	HOURS .(ST)	THUNDER. STORMS		FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKÉ AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	* OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	55-33									·			
	03-05									· ·			
	e ~ 03		12.2		5.7		16.4	37.1	13.8			5 . 9	617
	9-11		13.6		3 • 7		16.5	15.0	22.0			37.1	699
	12-14	- 3	14.7		2.2	• 2	16.0	2 • 1	13.6			15.6	633
	15-17	. 4	14.9		2.5		16.2	1.1	9.8			10.9	530
	14-25												
	1-23												
				!									
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		· •											
TOTALS		• 2	13.0		3.5	-1	16.3	13.8	14.8	i !		28.6	2479

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

WEATHER CONDITIONS

1 5445	FULCA AAF OL	73-81	MAY
STATION	STATION NAME	YEARS	HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS LST!	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	\$ OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	0-02												
	3-05	· · · · · · · · · · · · · · · · · · ·											
	6-08		13.6				13.6	28.7	15.9			44.6	634
	79 -11	. 4	11.5				11.5	11.2	15.0			76.2	715
	12-14	1 - 1	13.0				13.0	3.4	9.8			13.2	644
	15-17	2 • 4	14.8				14.6	2.0	8.0			17.3	539
	19-2						į.						
	1-23												
												1	
												1	
TOTALS		1 • D	13.2				13.2	11.3	12.2			23.5	2532

USAFETAC $^{PORM}_{ALV.64}$ 0-10-5(QL A), previous editions of this form are obsolete

GLOBAL CLIMATOLOGY BRANCH CSAFETAC ALR WEATHER SERVICE/MAC

WEATHER CONDITIONS

105545	FULDA AAF DL	73-81	JUN
STATION	STATION NAME	YEARS	MÖNTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST:	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR! DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND OR SAND	NOF OBS WITH OBST TO VISION	FOTAL NO OF OBS
JUN	5 - 52	:											
	03-05												
	06 - 06	. 8	13.6	;			13.6	28.0	17.0			45.0	524
	9-11	1.6	13.6				13.6	8.8	15.2		i	24.0	697
	12-14	2.2	11.7				11.7	3.6	9.0			12.7	631
	15-17	4.8	9.9				9.9	3 . 3	6 • 1			9.5	538
	18-20	!								· ·			
	21-23												
											.		
											· · · · · · · · · · · · · · · · · · ·		
	i												
TOTALS		2.4	12.2				12.2	10.9	11.8			22.8	2490

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GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 (445	FULDA AAF DL	73-81	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	0 0- 2					L			·			1	
,	3-05												
	6-08		10			· —	15.0	35.4	15.0			50.4	627
	59-11	. 4	11.6			·	11.6	9.2	18.7			27.9	717
	12-14	1.1	9.6				9.6	3 • 1	9.1		·	12.2	645
	15-17	2.3	9.8			· ———	9.8	1.5	5.1			6.6	۲ 3 2
	15-2												
	1-23				 							·	
	• =.====						i !						
	·								· · · · · · · · · · · · · · · · · · ·			· •	
TOTALS		1 • C	10.3				10.3	12.3	12.3			24.3	2521

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WEATHER CONDITIONS

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1 445	FILDA AAF	JL .	73-31	۵ ن
STATION	****	STATION NAME	YEARS	HĪNŌM

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

монтн	HOURS ist	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	S OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	N OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
رر ف	2-32												
• •	? - `							· · · · · · · · · · · · · · · · · · ·				•	
• •	.5 ~ 05	.2	11.9				11.9	46.0	15.7			51.6	: 31
	9-11	• 1	7 • `				9.3	18.5	21			75.7	م ي
	12-14		5.4			• 2	5.6	3.2	11.5		_	14.7	653
	15-17		s • 1				3.1	2 • 1	7.4			9.5	° 8 2
	. e = 2												
	1-23				·		•		,				-
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	•												
TOTALS		• 5	ų . 4	i i		• 1	9.4	:7.5	13.7			31.1	2565

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS PORM ARE OSSICIETE

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SE RAE CLIMATOLOGY RESECTAC AFETAC 41 FATHER SERVICE/MAC

WEATHER CONDITIONS

1 445	r LOA AAF LE	73-91	SEP
STATION	STATION NAME	YEARS	MONTH

PLICENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZŽLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
p	2-02	:											
•	3-00												
·	ύ − . j	• 2	0.4				3.4	59.2	7.3			56.5	5.86
	? - 1 4		3 . 7				8.7	32.0	15.2			51.2	647
	12-14	• 2	12.				12.1	4.3	23.1			~7.3	637
	15-17	1.3	11.4				11.4	1.9	16.1			17.9	537
	13 - 2d			 		· ·	/ 		-				
	1-23											•	
				[_					. —		
	(
TOTALS		. 4	15.1				10.1	24.4	16.4			47.9	2377

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UL RAL CLIMATOLOGY RRANCH AFETAC A: NEATHOR SERVICE/MAC

WEATHER CONDITIONS

1 445	FOLDA AAF OL	73-31	367
STATION	STATION NAME	YEARS	HTHOM

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	NOF OBS WITH OBST TO VISION	TOTAL NO OF OBS
CCT	na-s.											:	
	? - 35												
	26 - 08		15.8		. 3		16.8	56.4	4.8			61.1	- 96
	9-11		12.9				12.9	42.5	9.7			52.1	6 s 3
	12-14		13.4				13.4	17.1	19.3			36.3	644
	.5-17	•2	15.5		• 2		16.5	9.6	17.7			^7.3	553
	¥3 −2										·		
	-1-23							·			·- <u>-</u>		
					!								
		; • · · · · · · · · · · · · · · · · · · ·						:					
. = =												+	
						-							
TOTALS		. 1	14.7	1	• 1		14.9	71.4	12.9			44.2	2469

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE

CL PAL CLIMATOLOGY BRANCH LP2FLTAC 41 WEATHER SERVICEZMAC

WEATHER CONDITIONS

1:

1 - 445	FULDA AAF DL	73-31	Nov
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONIH	HOURS .L.S.T.)	THUNDER STORMS	AND OR	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	S OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
Nov	n-02				!								
	3- :7	•											
	5 - 1 5	· · · · · · · · · · · · · · · · · · ·	1 . 7	. 4	7.5		23.3	40.7	8.Q			49.7	c 5 0
·	2-11		15.3	. 2	9.6		23.9	32.8	9.0			42.4	649
	12-14		12.9		7 - 1	• 2	19.6	1.8	15.3			37.0	6Q2
	13-17		13.9	. 4	6.9		26	23.d	16.7		=	36 • 7	510
	13-23			,									
	1-23	,		·								* · •-	
				i								·	
							·- ·				,	*	
						-							
						Ī		!				:	
TOTALS			14.6	. 3	7.8	- 2	21.9	23.8	12.4			41.2	2311

USAFETAC OR 0.10.5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLOPAL CLIMATOLOGY BRANCH COMPETAC ACT *CATHER SERVICE/MAC

WEATHER CONDITIONS

1 45	FALDA AAF DL	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST:	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	S OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
ລະເ	. ໆ - ງວ												
	3-75			 			<u> </u>	! 			! 	1	
	J6 - J6		15.6	1.1	3.3		24.3	44.6	6.1		·	50.6	- 4 3
	J9-11	. 3	17.8		11.3		28.9	34.7	8.6			43.3	626
	12-14		18.8	. 3	12.3		29.9	23.6	11.5			35.1	618
	15-17		20.6	• 6	12.9		32.1	23.1	9 • 8			32.8	533
	13-2	!										<u> </u>	
	11-23	ii			!			·					
					; 		· · · · · · · · · · · · · · · · · · ·	·		 	·	·	
		·		 				· · · · · · · · · · · · · · · · · · ·			•	·	
	·	:			1			: 			: •••		
TOTALS		• 1	19.0	. 6	11.3		28.8	31.5	9.0			47.5	2320

USAFETAC $\frac{PORM}{JULT_{04}} = 0.10 \cdot 5 (OL. A)$, previous editions of this form are obsolete

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual near and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every more heaf the year has valid observations. Means and standard deviations are also computed when four or what values are present for any column. A total raw count of valid observations is presented for each month and the MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly lircular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for eans and standard deviations do not include measurements from incomplete months.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 445	F LTA AAF CL	73-81	JAN
STATION	STATION NAME	YEARS	MONTH
	ALL	WEATHER	.93 u- _3903
	——————————————————————————————————————	CLASS	HOURS (L S T)

SPEED KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.	1.	1.7									7.07	4.5
NNE	. 3	•	1.3				1					2.2	6.9
NE	• . •		• 2									• :	5 ∙ ີ
ENE	• • • •	• 5	• 2									• 5	5.7
E	• 5	• 7					1					. 7	3 • 3
ESE	-5	• 3							1	: .		• 3	3.3
SE	1.5	. 3	• 3									2.2	3.3
SSE	2.5	1.5	. 2	. 2	• ?							4.5	4 - 1
s	3.9	3.9	3.4	. 7			1				: - -	21.7	5.6
ssw	1.5	5.2	4.5	2.2				T	Ī			13.4	7 • 1
sw	• 5	2.7		2.5					T		!	9.4	8 • 3
wsw	. 51	1.5	1.8	1.2	• 2	• 3						5.9	8.5
w	• ?	, 2	1.5	4.0	• 3					l		6.9	10.9
WNW	• 3		• 3	• 5				Ī	I	Ĺ'		1.5	ŝ .
NW	1.0	٠ ٩	• 8	. 5					Ī			3 • 2	6.4
NNW	• 8	• 7		• 5	• 2							2 • 2	6 . 8
VARBL			٩	• 7	• 2							1.7	11.2
CALM		$\geq \leq$			\geq	$\geq \leq$	$\geq \leq$				><	29.0	
	15.7	2^.9	23.1	12.9	1.7	• 3				1	1	100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SUPRE CRIMATOLOGY PRANCH USBOUTAC ATH WOATH'S SCRVICLYMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3 : 11 44 C	STATION NAME	7 3 - 6 1 YEARS	JA*.
		CATHER CLASS	0 77 - 1 1 7 7 HOURS (L S T

SPEED KNTS1 DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	٠,	MEAN WIND SPEED
И	• 7	1.	1.2									[.1]	5 • 1
NNE	•	• 4	1.	• 6								2 • 5	7.4
NE	• :_	• 3	• 3						· ·			. •	5.4
ENE	•4	• 3	• 6					i	•			<u>, } • ` ,</u>	
E			• 1									4	4.
ESE	<u>: • ?</u>	• 1										1.5	?
SE	1.	. 7										2 • 3	3.5
\$5€	_1 • 5_	1.	• 9	• 1				متم بالتوجلا	: •==			. 3.5	201
\$	2 • 6	5.3	4.8	1.51			·	·				14.2.	· · · · 3
ssw	1,	4 • 1	4 - 1	1 . 3								, ³• ™ ,	7 • ó
, sw		2.5		1.0	• 5		·		·			3 - 71	2.5
. wsw	6;	1 • 2		1.9	5		L		· •			. 5 • 3.	9.5
. w .	· · · · · · · · · · · · · · · · · · ·		7.1	4.0	4	1	\ 	 	·			3 • 4.	11.2
WNW		• 9		• 6			ļ	·	<u> </u>			. 2•5,	7 . 8
NW	• 7	• 7	• 9				! 	:	· •				7.2
NNW	1.7	1 . 3) +		i +			3 • 4	5.8
VARBL		ا ــــــــــــــــــــــــــــــــــــ	• 3	• 7		! ~	L	*	} 	ا بمورد دانست ما پیممود		1.3	11.4
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\downarrow><$	$\geq \leq$	$\searrow \leq$.><.	27.1	
	17.5	27.5	25.1	13.7	1.6	.1				1 1		100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 683

USAFETAC FORM (1845) CLF4 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SEFERAL CLIMATOLOGY BRANCH Briffetad Al Weather Service/Mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

130445	FULCA AAF OL	73-81	JAN
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	12:0-1400
		CLASS	HOURS IL ST)
		COMDITION	

			11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	. •	MEAN WIND SPEED
• c	• 3	• 5	• 3								2.7	5.5
• 5	1.6		.8.								4.1	7.0
	• ₹	1.1	• 2								1.5	8.3
	• 7										• 3	5
											. 9	2.3
• 7	• 9										1.1	3.6
• 3							1	1			• 5	2.^
1.3	• 4	- 8									2.5	5.7
1.9	5.3		1.7				1				14.4	6.9
i • 1		· +	1.7				i		1	•	12.7	7.7
9	2 • 4	4.1	2.4	• 6	• 2						10.5	8.9
• 4	1.4	3.6		. 5	• 2			1			8.9	9.9
3	? .	2.8	· · · · · · · · · · · · · · · · · · ·	• 0				i 			5.3	11.1
	•		1.1					1			1.9	10.8
<u></u>	1.3	1.4	6								3.5	8.1
	. 9	1.7	. 3	i							3.6	6.5
		. 5	• •						i		1.4	11.4
><.(1)	≥<[` *< [> <						21.7	
1 1 1	49.4		· • · · · · · ·		7					ericania I	100.3	6.2
	1.3 1.9 1.1 .9 .6 .8	. 7 . 7 . 7 . 8 . 8 . 1 . 3 . 5 1 . 1 . 5 . 3 1 . 4 . 3 . 6 . 1 . 4 . 6 . 1 . 4 . 6 . 1 . 4 . 7 . 7 . 8 . 8 . 8 . 9 . 9 . 9 . 9 . 9 . 9 . 9 . 9 . 9	.9 .9 .7 .9 .8 .8 .9 .5 .8 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9	.9 .9 .7 .9 .8 .8 .5 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9	.7 1.1 .7 .9 .9 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8	. 7 1.1 .2	. 7 1.1 .? . 7 . 9 . 8	.7 1.1 .2 .7 .9 .85 .8	.7 1.1 .2 .7 .9 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .	. 3 1.1 .2	.7 1.1 .2 .7 .9 .8	1

TOTAL NUMBER OF OBSERVATIONS 63

USAFETAC FORM SHE'S COLA PRIVIOUS FOR ONS OF THIS FORM ARE OBSOLETE

.. . ..

BUSEAU CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 (445	F Jul	A AAF S	L	73-A1												
STATION			STATION	M7 R E						YEARS				0 M T M		
							SATHER							1-1777		
						CI	LA \$4						HOVES	(E # T J		
		ALC: 1				CON	D'TION									
	SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	`	MEAN WIND SPEED		
ł	N	. 7	• 7	. 5					·	:			2.2	6.1		
1	NNE	1.3	. 9	1.1								· · ·- ·	3 • 3	5.2		
İ	NE		1.3	1.1	• ?								2.5	7.1		
ſ	ENE	• 2		• 2:	.2				,	:	•		• 5	6.3		
!	ε	. 4		• 5					,	!	•		• 9	5 . 4		
!	ESE	. 4.	. 7						1		*		1.1	3.7		
t	SE		• 7:	• 5							*		2.2	4.5		
Ì	SSE	1.1	1 . 3	. 7				1		: -	•		3.1	4.5		
1	s	3.3	7.7	4.9	1.1					· · · ·		· · · · · · · · · · · · · · · · · · ·	17.6	5.9		
Ì	ssw	3.2	4	5.1	1.6					•	•		13.3	6.9		
ţ	sw	ī.1	4.4	2.6	1.5	• 9	• 7		•	<u> </u>	• · · · · · · · · · · · · · · · · ·		15.6	8.3		
T I	wsw	. 9	2.4	4.7	1.3	• 2	• 2				· - · · · ·	·	9.3	ō · 1		
j	w	• 2'	• 0	3 . 3	2.6	1.5	• 2			•		· · · •	9.2	11.4		
Ì	WNW	. 4	• 2	. 7	. 5	• ?	• 2						2.2	10.2		
1	NW	. 0	1.6	1.3	. 7						:		4.6	6.6		
1	NNW	• 5	1.5	• 5	• 2								2.9	5.4		
Ì	VARBL	•		. 4	. 4						!		.7	10.3		
T T	CALM	*****											14.3			

TOTAL NUMBER OF OBSERVATIONS

USAPETAC FORM (HB-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

28.6 28.2 17.4 2.7

SLU4AL CLIMATOLOGY BRANCH USAFETAC AIT #FATHER SERVICT/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1 45	FULDA A	AF OL	73-8						31					r E z		
STATION		STATION NAM	·						YEARS					B087H		
				ALL	WEATH	ĘΡ								1.6	.i- 300	
		CLASS										NOL	85 (L S T)			
	CONDITION															
					PROITION											
Γ	SPEFD			12 11	22					47			> 64		MEAN	

SPEFD (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16 .	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	~	MEAN WIND SPEED
N	2.3	1.0	.5			·	·	:	:	•		4.7	4 . 3
NNE	• 3	1.3	2.2	. 9			*	,				5.2	7.2
NE	• 5	1.8	2.2					1				4.5	5.7
ENE	. 4	1.4	• 5									2.3	5.2
E	• 4		• 5	· · · · · · · · · · · · · · · · · · ·								. 9	5.2
ESE	· č	. ?	• 2						1			• 9	3.3
SE	1.4											1 . 4	1.9
SSE	2.5	1.3							Ĭ			3.3	3.7
s	3 • 2	3.2	1.3	• 5					I			3 . 3	4.9
ssw	?•?	3.4							I			9.4	6.1
SW	1.6	1.3	4.7	1.3	. 4				I			9.2	7.9
wsw	• 7	• 4		. 9								3.6	7.7
₩	• 2	1.3	. 5	• 9	• 2			:				3.1.	9.1
WNW	• 5	. 4	• 2	. 4	. 2							1.6	8.2
NW	1 • 3	• 3		• 2						1		2 • 3	3.0
NNW	2.0	1.1		• 2					į –			3 . 2	3.7
VARBL	1		. 4	• 2								. 5	13.7
CALM		$\geq \leq$	\geq	><	$\geq \leq$	$\geq \leq$		$\geq \leq$	\geq			75.1	
	23.5	19.6	18.3	5 . 8	. 7							10.0	3.9

TOTAL NUMBER OF OBSERVATIONS 556

USAFETAC FORM 0-8-5 OL-A PREVIOUS (DITIONS OF THIS FORM ARE OBSOLETE

SLOPAL CLIMATOLOGY BRANCH USAFITAC AIH BEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 445	FULCA AAF UL		F£B	
STATION	ETATION Name		YEARS	MONTH
		ALL WEATHER		3900-1100
		CLASS		HOURS (L S T.)
		CONSTIGN		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.3	1.9	.6									4.5	4.2
NNE	. 9	2 . 3	2.3	• 5						·· · •		6.1 2.9	7.1
NE	• 3	1.4	1.2									2.9	5.9
ENE	• 2	• 2	1.5	• 3]		• • • • • • • • • • • • • • • • • • • •		2.2	9.4
£	• 5	• 6	. 3							• •	-	1.4	5.
ESE	• 3	• 5	• ?									• 3	4.5
SE	1.4	• 3	• 6	• 2						•		2.9	4.7
SSE	1 . 7	. 9.	. 5							•		3.1	3.9
s	2.3	3.6	2.8	. 6								9 • 3	5.8
SSW	• 9	2.5	4.8	• 5								8.7	6.8
SW		1.9	2.9	1.1	• ?								3.5
wsw	• 5	• 5	1.9	1.4	• 2							4 • 3	9.7
w	• 6	• 8	1.7	1.4	. ?					•		4.5	8.8
WNW	• 9	• 2	. 3	. 3								<u>1</u> .5	6 • C
NW	1.5	. 8	. 5				1			•		2.8	3.3
NNW	3.1	1.9	1.1	• 5				!		•-		6.5	4.5
VARBL		• 2	1.9	.6	• 2			<u></u>		•			9.4
CALM	><	$\geq <$	$\geq \leq$			•		79.2					
	17.3	23.6	25 • 0	7.3	.6			<u> </u>		· · · ·		100.01	4.6

TOTAL NUMBER TO OBSERVATIONS

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCPAL CLIMATOLOGY BRANCH UCSFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 5445	FULDA AAF DL	73-81		FER
STAT+OM	STATION NAME		YEARS	40111
		ALL WEATHER		1200-1400
		CLASS		HOURS (LST)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.5	2.3										5.0	4.3
NNE	• 8	2.3										6.7	7.1
NE	i	1.2						Ī				2.9	7.6
ENE	• 2	• 2										2.5	3.9
E	• 31	• 3										1.2	5.6
ESE	• 5	• ?						1				2.5	0.1
SE	1.0		• 7							;		1.7.	4.5
SSE	• 3	• 8										2.2	6.1
<u> </u>	2.3	2. 1	5.7	. 8								10.7	6.9
ssw	• 9	3.4						i .		•		10.5	7.8
_sw	. 7	1.7			• 3		!	1		•		8.2	9.5
wsw	• 3	1 • 2			• 3				1	•		6.7	9.7
w	. 21	• 5	2.5	2.2								5.4	9.9
WNW	• 3	• 5	• 8	• 2							· · · · · · · · · · · · · · · · · · ·	1.8	7.0
NW	1.3	• 5	. 7	. 8						·	•	3.4	6.7
NNW	3.9	1.5	• 3	• 2						•		5.9	3.3
VARBL			1.8	. 5				1	!	• · •		2.3	9.5
CALM	><	$\geq \leq$	\geq					73.1					
	14.6	18.0	34.6	12.1	. 7							100.0	5,9

TOTAL NUMBER OF OBSERVATIONS 596

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH

STAFLITAC AL- WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 445	FULDA AAF DL	73-81	FEa
STATION	STATION NAME	TEARS	MOBTH
		ALL WEATHER	1500-1799
		CLASS	HOURS (L S T)
		CONSITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N	1.0	1.7	1.0	. 2			1		!			3.2	5.9
NNE	.6	3.0	6.0	1.0								13.5	7.5
NE	. 8	2 • 9	3.2	.6							i	7.3	6.9
ENE		. 4	. 8				:					1.4	5.1
Ē	• 2	. 4	• 6									1.2	5.0
ESE	. 5	• 8	. 8	. 8								3.3	7.3
SE	. 4	• B	. 4				1 .		1	i		1.6	5.1
SSE	. 91	1.5	1.4	• 2								3 • 4	6.4
s	2.2	4.4	3.2									9.7	5 • 3
SSW	2.2	4.7	3.2	1.2	• ?					1	!	10.7	6.5
SW	1.2	2.6	6.0	2.8	• 2		1					12.7	8.5
wsw	1	1.8			. 8						İ.	6.3	10.1
w	• 2	1.0	1.5	1.8	. 2							5.6	8.9
WNW	.6	1.4	• 3									2.3	5.4
NW	1.2	• ?	1.0	. 4						1		2.3	6.1
WMM	2.2	1.3	• 2	. 4							1	3 . 8	4.0
VARBL		• 2	. 8					1		ı		1.0	6.3
CALM	><	\times	\times	><	> <	\geq	$\geq <$	\geq				13.5	
	14.3	27.4	52.7	13.7	1.4							120.0	6.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLIBAL CLIMATOLOGY BRANCH BRAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1445	FULDA AAF DL	73-81	M V છ
ST4 TIQU	STATION HAME	YEARS	-
		ALL WEATHER	3690-980C
	24 11 1 12 No	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	₹.₽	2.1	1.1	• 5				<u> </u>	:			7.5	4.4
NNE	• 3	2.2	1.9	,				,				4.5	6.2
NE	• 2	1.4	1.6	• 3								3.5	7.8
ENE		• 3	• 2	• 2								• 6	7.5
E	• 2	• 3	• 2									• 5	4.7
ESE	• 2	• 2										i • 3	2.5
SE	1 . 4	• 5						[1		1.9	2.9
SSE	1.1	• 5										1.6	3.0
5	1.9	3.2	1.9	1.0							·	7.9	6.1
SSW	1.1	3.□	3.7	1.1					i 			8.9	7.3
sw	• 6	1.9	2.1	. 8							i 	5.4	7.3
wsw	• 2	1.4	2.1	1.9					l 	İ	!	5.6	9.1
W	1.0	1.3	2 • 2	2.2	• 2							6.5	9.1
WNW	1.7	• 5	• 5	. 3						·	i I	3.3	4.6
NW	1.3	1.3	• 6	. 3						i	· •	3.5	5.7
NNW	3.2	1.5	1.1	. 3								6.2	4.2
VARBL			1.3	.6	• 2				L	<u></u>	<u> </u>	2 • 1	10.4
CALM		$\geq \leq$	><	><	\times	$\geq \leq$	$\geq \leq$		$\geq \leq$	> <		70.5	
	13.1	21.1	20.3	9.5	. 3						L	100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 62

USAFETAC 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLIBAL CLIMATOLOGY BRANCH USAFETAC AIS WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10:445	FULDA AAF OL	73-81	MAF
8747,0M	STATION HAME	TEARS	MONTH
		ALL WEATHER	1930-1177
		CONDITION	

SPEED (KNTS) DiR:	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	`	MEAN WIND SPEED
И	3.7	1 • 4	1.2	. 4				·				0.2	4.7
NNE	. 7	1.8	5.3									5.9	7.1
NE		• 1										2.5	10.7
ENE	• 4	• 3						Ī				1.5	7.0
ŧ	• 3	• 3	. 4									1.0	5.9
ESE	• 7	• 6							1			1.2	2.0
SE	1 • 7	• 1						<u> </u>				1.8	2.1
SSE	1.3	. 7		• 1								1.8	3.6
5	1.4	3.6	1.8	. 8							_	7 • 6	6 • 2
ssw	1.1	3.	5.4		- 1							11.3	7 . 8
sw	. 4	1 • 2	3.7		. 1	1			<u> </u>			9.5	10.4
wsw	. 4	1.	2.9		. 3	1						7.5	9 . 5
w	1.2	• 1	2.5	3.5	. 1							7.5	9.7
WNW	1.4	• 3	1.1	1.2	. 1							4 . 7	7.4
NW_	1.4	1.7	1.2	. 4								4.7	5.9
NNW	1.9	2.1	• 8	. 3	. 1							5 • 2	5 • °
YARBL	• 1	1	1.5	1.4								3.0	13.5
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$					18.6	
	17.3	18.9	26.9	17.5	1.0		}					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

724

USAFETAC FORM 0-8-5 (OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CUBBAL CLIMATOLOGY BRANCH UBAFLTAC ATS "FATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 : 44	FILDA AAF DE	73-81	мд₽
8747108	STATION HAME	YEARS	MONTH
		ALL WEATHER	1270-1400
		CLASS	HOURS (L S T)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.5	1.9	1.2	•1				1	T			4.7	5.2
NNE	1.5	1.3	2.2	1.0								6.1	7.1
NE	1.0	. 7		1.3								5.3	7.9
ENE		. 3	1.2	• 3	• 1							2.2	8.5
- E	• 7	. 4	• 3				!	i				1.5	4.5
ESE	. 4	• 3	• 1	• 1							7	1.3	4.6
SE	.6	• 7	. 3				i			!		1.6	4.6
SSE	. 7	. 9		• 3					1	•		3.4	6.5
5	1.3	1.9	3.3	• 6				1			:	7.1	0.6
ssw	. 7	2.7		1.9	. 1		.	i				11.1	3.3
wz	. 4	1.0	3.3	3.1	• 3		i		i	i	<u> </u>	8.1	10.2
wsw	. 5	2.4	2.2	4.6	1.2	• 1						11.1	11.2
w	. 4	• 3	3.4	4.0	. 4			i				9.6	10.8
WNW	. 4	• 5	1.0	2.1	• 1							4 . 3	10.2
NW	1.3	1.3	2.1	• 1								4.9	5.7
NNW	1.8	1.5	2.2	. 4				l				5.9	6.7
VARBL		• 1	4.4	1.6						1		6.2	9.7
CALM	><	><	><	><	><	><		$\geq \leq$		><		5.7	
	13.9	19.5	36.6	21.8	2.4	.1						170.0	7.8

TOTAL NUMBER OF OBSERVATIONS 675

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOPAL CLIMATOLOGY RRANCH UNAFLITAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 .445	FULDA AAF DL	73-81	мд≎	
STATION	STATION NAME	YEARS	MONTH	
		ALL WEATHER	15 10-1700	
		HOURS (L S T)		
		COMDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥ 56	•	MEAN WIND SPEED
N	1.7	1.0	:.7	• 2				:				5.5	5.4
NNE	1.7	2.3	3.8	1.2				•				9.9	7.4
NE		2.1	1.7	1.5				1				5.5	8.7
ENE	. ?	. 2.		1.4			•					2.6	10.3
E	• 3	• 2	• ?	. 3						· ·		1.0	7.5
ESE	• 3	9	- :					!				1.2	3.7
SE	- 2	• 7										2.4	6.6
SSE	• 7	• 5	1.4			!			·	. — –		2.9	7.3
s	• 7	3.8	4,7	• 2							=	u . 5	6.7
ssw	1.2	2.5	2.5	1.4								7.7	7.4
sw	. 7.	2 • 2	3.8	3.3	• 3		!		i			15.5	9.3
wsw	• 5	2.5	4.1	4.1	. 3					!		11.7	9.3
w	• 2	1.5	2.9	2.9	• 5							5.1	10.3
WNW	• 5	1.2	1.4	1.4			!		·			4.5	8.2
NW	. 0	• 7	1.4	• 5								3.4	6.4
NNW	1.7	1.2	2.1	• 2								5 • 2	5.3
VARBL		• 7	2.2	1.5								4.1	9.2
CALM	><	$\geq <$	><	><	\geq	><	$\geq \leq$		$\geq \leq$			5.4	
	10.8	25.3	35.8	20.5	1.2					1		10.0	7.4

TOTAL NUMBER OF OBSERVATIONS

581

USAFETAC FORM 0-8-5 OL-A - PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOSAL CLIMATOLOGY BRANCH USAFÉTAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

100445	FILDA AAF OL	73-81	APE
STATION	STATION MAME	YEARS	NONTH
		ALL WEATHER	160 n- 0800
		CLASS	HOURS (L S T)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.3	3.6	• 5								10.2	5.4
HHE	.8	1.3	1.8									4.4	5.6
NE	• ?	• 3	. 6					i				1.5	5.3
ENE		• ?	• 2									• 3	7.0
E	- 2									1		• 3	2.3
ESE	. 5											- 5	1.3
SE	.6	• 3							i	i		1.0	2.7
SSE	1.3	• ?										1.5	2.3
s	1.5	• 5	. 9									2.3	4.4
SSW	1.1	1.9	2.3	. 8								5.3	5.7
sw	1.3	1 . 9	2.4	1.5	. 2		1		1			7.1	7.9
wsw	1.0	1.5	1.7	. 2					1			3.5	5.5
w	. 3	1 . 3	1.5	.6	1.0						• •	4.7	10.0
WNW	• 3	1.5	• 6	• 5								3.1	6.3
NW	1.5	1.6	1.6	• 3						i		5.0	5.9
NNW	3.4	3.1	1.8	• 3								8.5	4.8
VARBL			. 5	• 5				1				1.3	11.3
CALM		$\geq <$	> <	$\geq <$	$\geq \leq$	> <		\geq		$\geq \leq$	$\geq \leq$	36.6	
	16.9	17.6	18.6	5.2	1.1							10.0	3.3

TOTAL NUMBER OF OBSERVATIONS 617

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RENNAL CLIMATOLOGY BRANCH Crafitac Air Weathir Service/Mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 ~445	FULDA AAF DE		73-81		4 P0
STATION	STATION N.	N.C		YEARS	MONTH
		ALL	WEATHER		_93 0-11 -0
			CLASS		HOURS (L S T)
			CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	3.1	2.7	3.1	.7								9.9	5.7
NNE .	·	1.3	3.5	• 6								5 • 3	7.3
NE	• 3	1.	2.1	. 4								3.9	7.7
ENE	• 1	• 7	1.4	1.1								3 • 6	9•5
E	• 4.	• 3	• 1									. 9	4.3
ESE			• 6	• 3								2.3	5.9
SE	• 3	• 3	• 3,						<u> </u>			. 9	5 • 8
SSE	. 4	. 7	• 1	• 3				•				1.6	6.2
s	2.4	2.4	. 9	• 3								6.0	4.8
\$5W	• 6	1.1	1.1	1.7					i •			3.9	7.6
sw	• 1	1.4	3.4	1.9			1	ļ				6.9	9.1
wsw	• 1	ं , र	2.6	2.9								5.9	10.6
w	• ဝ		2.0	2.0	• 1			<u> </u>				5 . 3	9.5
WNW	1.0	• ?	1.4	1.1								4.4	7.8
NW	1.0	1.7	3.3	1.4								3.3	7.2
иим	3.1	2.3	2.0	.6								8.0	5.3
VARBL	• 1		3.3	1.7	• 3							5 . 6	10.4
CALM	><	$\geq \leq$	$\geq \leq$		> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	15.5	
	15.5	18.7	31.5	15.3	. 4							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

699

USAFETAC FORM 0-8-5 - OL-A 1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLIBAL CLIMATOLOGY FRANCH DIVELTAC AL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 -445	FULDA AAF OL	75-81	120
STATION	STATION NAME	YEARS	MONTH
	•	ALL WEATHER	10,0-1453
		CLASS	HOURS IL S T
		COMPLICA	

SFEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 . 27	28 · 33	34 40	41 - 47	48 - 55	≥ 56	9.	MEAN WIND SPEED
N	1.0	2.7	1.1	2.4	• ?				*			3.2	7.6
NNE	• *	7.0	3.5	• 3								 5	7.4
NE .	• 🦘	1.7	7.5	2.1								7 • 5	d.I
ENE	1. 7	1.4	2.1	1.1								5 • 5	7.4
	. 4	• 5	• 6	• 6								7 • 3	6.3
ESE	• 3	• 3	• 3	. 3								2.7	5.4
SE		1.1	- 0	. 5	!				-			2.7	7.3
SSE	- 5	1.4	• 9	• 2								3.3	6 • 1
S	. 5	1.0	• 3	• 2								2.5	5.1
55W	• 3	1.1	2.4	1.3								5.7	7.6
sw		• 3	2.4	2.5								2 • 9	9.9
wsw	• 6	1.4	3.9	2.8								н.9	8.9
w	• 5	• 8	2.7	1.6	• 3							5.3	3.8
WNW	• F.	• 0	1.1	1.1	•_3 ⁱ							3.0	9.7
NW	. 5	1 • 3	2.5	1.9	• ?							6 • 3	9.5
NNW	1.4	2.1	2 • 5	. 9	!							7 • 3	6.7
VARBL	. 3	• 5	5.2	2.7	• 3		i					9.	9.3
CALM		$\geq \leq$	$\geq \leq$		\searrow	$\geq \leq$		><				4.7	
i	12.3	23.1	36.3	22.4	1.3			<u> </u>				170.5	7.8

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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ETTAL OLTMATOLULY REANCH LITELTAC TIL WEATH SERVIC ZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	F COA ANT DE	7.7 m 2 }	MONTH
		a CA THE?	1 7 7 7 7 7 7 7 7 8 HOURS (L S T)
		CMDITION	

SPEED KNTS; DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21 22	- 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	4	MEAN WIND SPEED
N	1.1	1.	2.5	1.5	• 5							7.4	5.5
NNE	• 4.	2.1	3.5	• €		•						7	7 • 2
NE	1.1	1.3	₹. ₽	7.1								3.9	6 • 1
ENE		1.1	1.0	2.8								5.5	1
Ē	1.1	• 6	. 3	. 6								3.	5.9
ESE		. 4	.6	۰۵								. 1	5
SE	• '	1.7	. 6	• ?								3	6.1
SSE	. 5	1.3	• 6										5_•
5	. 4	1.7	. 4									. 5	3.
ssw	• ?		2.5	1 • 1								., 4.5.	o <u>. 1</u>
sw	. 4	1.	3.3	1.1	· · · · · · · · · · · · · · · · · · ·							<u>.</u> . 9.3.	5.0
wsw		1.3	4.0	2.3								⇒.7.	9.• 2.
[w _		1.7	7.0	1.3				•				7.3.	9.
WNW		1.7	1.5	1.7		•		•				_ 55.	8 - 5
NW	. 4	• 5	3	1 • 3				•	•	•		5 • <u>5</u>	٠ ٠
NNW	1.1	2.1	3 • 2	1.1								7.5	7.5
VARBL	• ?	• 21	5.8	3.01				_			_	7. 2.	13.4
CALM		> < 1	``><	`><^	$\sim \sim \sim$	<						5 • °	i
= -	#	-=	<u> </u>	rés semment	· ====================================		General A	+	r .	Ψ .	٢	ו - י ולי	1 m - 1 - 1 - 1 - 1
}	5.9	22.1	4 % 2	21.7	1.2			<u>i</u>	<u> </u>		<u></u>	100.01	7.9

TOTAL NUMBER OF OBSERVATIONS 577

USAFITAC FORM 568-5 OE+4 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LL RAL CETMATOLOUY SPANCH U SFLTAD ACCUSTANCE SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 14 °	TOLATA AAS TE	7 7 - 9 ;	
		ALL WEATHER CLASS	() (= 1 3 f (
	<u> </u>	COMPITION	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	`	MEAN WIND SPEED
×	7 4	3.3	• 3	• 7				 				₹.2	3.
NNE	• 5	1.7	2,9						•		•• ••	5.4	6.
NE		1.2	1.6	<u>. 3</u>								3.2	7.
ENE	• .	•	1.7	• 7				1				1.7	٠.
E		• "										3	4 . 7
ESE .	. • •	• -	• 2	· · •		·						<u>1•3</u> .	3.
SE	. 1.1.	• `.	3.			ļ						<u> 1.•5</u> .	3.
SSE	. • °.	• 1.	<u> </u>				•	·				1.7.	3.
s.	. ?• .		1 • <u>1</u> .	!	· · ·	<u> </u>	·	<u>i.</u>	•			. 9	4 🛂
55W .	. 1•4.	3.	1.7			; +	•					. 7•≒.	<u>5 • 5</u>
sw	• 6.	<u> </u>	1.6	<u>• 5</u> .	• 5	: 	·	·	· •			2 • 3.	7.
wsw		1.1,	• ^a .	2	·	·•?	·			• .		2.3	5.●
w .	. <u>1</u> .3.	• 4.	1.4				·	.	,	•		3 • 5 :	5 . 6
WHW	<u></u> .			• 2.		, 	·	,	·			. <u>2.1</u> .	4 .
NW	<u> </u>	<u> </u>	1.1							· •		4 . 5	4.
NNW .	4.•41	1.4	• 6				l +	 				<u> 5 • 5 ·</u>	3 . 4
VARBL	<u> </u>	إ ر	الرِّف الم	<u>•5</u>	<	·	 	ر			, 		9.
CALM		$\geq \leq$	><	> < 1	$\geq \leq$	><	$\geq \leq$	><	$\geq \leq$	$\supset \sim 1$		77.9	
-, -1	23.2	19.7	15.4	2.4	• 2	.2		1		,	•	10.0	3.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5-00-A PREVIOUS TO HONS OF THIS FORM ARE OBSOLETE

GE FAU CESMATCEDBY BRANCH G AFUTAC GES ASATHRA SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	LUA AAF SL	73-81	~ A Y
STATION	STATION NAME	YEARS	40 M T M
	and to the second second second second second second second second second second second second second second se	ALL MEATHER	House It s t
	. .	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	. 34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	7.05	2.7	7.5									5.7	4.
NNE	1.4	2.7	2.7	• 6							,	6.7	٥.
NE	• 4	• *	1.3	• 1				:	·			ين و د	7.
ENE	• 7	• 7	1.5	1 • 3	• 1				•	· · ·		_ 4 • 3 <u>.</u>	3 • 5
E	. 4	_ • 3	• 3	. 7								2.2	3.1
ESE	• 7	1 • 1	• 4	. 6				:				3 • 2	6.
SE	1.7	• 6	• 4	• 1								2.1	4.
SSE	• 8	1.	1.3									3.1	5 • 6
5	2 • 2	3.4	3.2	7					•			9.5	5.
ssw	1.7	3.4	3.5									. ₹•1.	5.
sw	. 4	<u>• 6</u> ,	2 • ¢	8					•			4.3	8.
W\$W	• 6	1 . 4	2.1	. 8		1		.				. <u>. 5.</u> 31.	٤.:
. w	• 6	2.0	3.4	7 .	. 4	1		.				7.1	8 . 6
WNW	• 5	1.5	1.1					; +				2.7,	5.5
NW	1.1	2,⊓	. 7	. 3								3.9	5.0
NNW	3.1	3 • 1.	2.					<u> </u>	<u> </u>	<u> </u>		3.1	4.
VARBL			5.2	2.1	1			: ••• —————	; +	; •	ç -	7.4	9.8
CALM	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	<u> </u>	$\geq \leq$.><.	1.2.0	<u>د سده .</u>
	17.6	25.9	34.6	8.8	. 7	٠ ٦						170.0	5.

TOTAL NUMBER OF OBSERVATIONS

714

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SUPPART SUPPARTOLOGY BRANCH UNIVERTIAL ATT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 445	FULUA AAF DE	7 7 - 8 1	w A Y
BTATION	STATION NAME	YEARS	BONTH
		ALL WEATHER	1709-1407
		CLASS	HOURS IL S T I
	and the state of t	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	. •	MEAN WIND SPEED
N	• -	2.7	1.7	• 3								4.7	6.5
NNE	• 5	2.3	2.5	8.					1			5 · l	7.2
NE	• 5	. 9	1.4	1.1								4.3	7.9
ENE	• 3	1.7	2.3	2.3	• 2							7.3	9.6
E	1.1	- 3	1.6	. 9					•			4 • 3	7.3
ESE	• 5	•	. 8	• 5						•		2.3	7.
SE	• 4	1.4	1.6	• 2								3.7	6.6
SSE		1.4	1.1	• ?								3.3	6.1
5	1.5	2.5	2.2	1.2								7.6	6.8
\$5W	1.2	2.3	3 . 7	1.4								8.7	7 • 3
sw	• 3	1.0	2.5	1.9	• 2							5.7	8.7
wsw		1.4	3.3	. 8								5.91	7.5
w	1	2.5	3.7	1.4	. 3	• ?			:	1		7.3	8.9
WNW	5	• 5	2.2	. 3	• 2				1	·		3.7	7.8
NW	. 3	1.2	. 9	.8	. 2				!	:		3.4	8.4
NNW	1.6	2.3	1.1	• 3								5.7	5.3
VARBL		. 31	7.1	2.5				1	1	1		9.9	9.4
CALM		$\geq <$	$\geq <$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	\geq				5.6	
	17.7	27.0	33.8	16.8	. 9	• 2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 644

USAFETAC FORM G-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLIMAL CLIMATOLOGY BRANCH UTAFLITAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 5445	FULDA AAF DL	73-81	MAY
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1500-1700
		CLASS	HOURS (L S T)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
н	.7	3.7	1.9									6.3	5.5
NNE	. 7	2.4	2.7	• 6								5.3	6.5
NE	• 2	1.1	1.1	1.9	• 2				1			4 • 5	9,9
ENE	- 4	1.1	2.4	2.4	• 2	• ?						6.7	10.3
Ę	. 4	. 7		• 6								2.3	7.7
ESE	• 4	1.5	1.7		• 5			1				3.7	6.9
SE	1.5	1.5	. 5	. 2				,				3.7	4.9
SSE	. 9	1.7	2.7	. 4								5.0	6.3
5	1.1	2.9	1.3	. 4				i				5.6	5.7
SSW	• 6	3 . 3	3.5	. 4				1	1	• !		7.8	6.7
sw	. 4	2.2	1.7	. 9				1				5.2	7.3
wsw	. 41	1.7	4.3	1.5								7.8	8.5
w	•6	1.9	3.9	2.8	.6							9.7	9.2
WNW	. 4	2.2	1.1	. 9		• 2		1	!	,		4.8	8.7
NW	1.1	1.7	1.3	. 7								4.3	6.6
NNW	• 9	2.2	1.7	. 4					1			5.2	6.2
VARBL		• 2	4.6	2.4				1				7.2	9.7
CALM		><	><	><	><	\times	> <			><	><	3.3	
	13.6	32.7	36.2	16.4	1.1	, 4						170.3	7.3

TOTAL NUMBER OF OBSERVATIONS

GESTAL CLI ATOLOLY ERANCH USAFETAC AIP MEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 :445	FULDA AAF DL	73-81	JUN
STATION	STATION HAME	Y*(18	MONTH
		ALL WEATHER	.60 <u>0-287</u> 0
		CLÁSA	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	4.3	2.7	.6	• 2		·	·			!		7.9	3.1
NNE	leI	1.6	. 8									3.5	4.
NE	• 3	• 5	• 2					1			:	1.0	4 . 5
ENE	• ?	• ?										• 3	4.5
Ę	• 5											• 5 ₁	2.
ESE	. 6								1			• 6	1.
SE	• 8								1			1.1	3.
SSE	1.0	• 3										1.3	2 . 8
s	2.1	2.4	• 6					1				5.1	4.
ssw	1.9	2.4		• 6								7.1	5.8
5W	1.3	1.9		• 2	• 2					i 		5.4	6.6
wsw	1.1	1.0	2.1	• 6				1				4.5	7.1
w	1.8	. 6	1.4	• 2				1				4.0	5.1
WNW	1 • 3	• 3	1.6							L		3.7	S .
NW	1.3	1.8	1.4								İ	4.5	5.1
NNW	4.3	2.1	1.3	• 2						1		7.9	4
VARBL	li.		• 8				I	Ĺ	İ	Ĺ		• 8	8 . 6
CALM		><	><	><	><	><	$\geq <$				$\geq \leq$	42.5	
	23.7	18.4	15.2	1.9	• 2							100.0	3.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SE SAL CLIMATOLOGY PRANCH ATE WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1445	FULDA AAF DL	73-91	JUN
STATION	STATION NAME	TEARS	HTHOM
		ALL WEATHER	3938-1153
		CLASS	HOURS (L S T)
		COMOLITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	4.2	3.7	1.7	. 1				i				9.0	4.2
NNE	2 • 2	2.3	1.3						1.			5 . 6	4.7
NE	1.7	1.0	. 9	. 1					1	·		3.7	4 . 7
ENE	• 7	<u>. 5</u>	. 9									2.2	5 • 9
ŧ	1 • 1	. 4	. 4									2.0	3.9
ESE	.6	• 3							1			• 9	3 • 3
SE	. 4								I			- 4	1.3
\$SE	1.7	. 6	, 4									2.7	3.7
\$. 9	2.9	. 9	. 4					1			5.0	5.5
ssw	1.9	2.7	3.4	• 3	• 3			<u> </u>	<u> </u>			8.5	6.7
sw		1.7	4.2	1.0			Ĺ		\ 			6.7	8.6
wsw	• 5	2.6	3.6	1.3	. 1				<u></u>			8.2	7.9
w	. 7	1.4	3.7	. 9			<u> </u>		!			6.7	7.6
WNW	• 9	1.3	2.2	. 4								4.7	6.7
NW	• 3	1.3	7.7	• 3							ii	4.6	7.6
NNW	2.7	3.7	2.0	1.0					İ	! :		8.3	5.6
VARBL			2.7	. 4						ĺ		3.2	8.4
CALM		><	><	><	><	><	><	><	><		><	16.6	
	20.5	25.7	31.0	5.3	. 4							100.0	5 . 2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2 JE SPAL CLIMATOLOGY BRANCH JINFOTAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 3445	FULDA AAF DE	73-81	Ju.
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1230-1400
		CLASS	HOURS (L S T)
	<u>- ·</u>	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	2 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	2.9	2.3	2.1	. 8					 -		·	7.9	5.8
NNE	1.0	2.5	1.7				<u> </u>		<u> </u>		*	5.2	5.5
NE .	1.4	7.0	1.7							•		5 • C	5 • 6
ENE	1.0	1.5		• 3							•	3.0	6.1
E	1.1	1.2	• 5	• 2			1	† · · · · · · · · · · · · · · · · · · ·	!	•		3.0	4.7
ESE	1.3	• 3								•		2.7	4.4
SE	1.0	1.7	• 3	• 3						•		2.5	5.3
SSE		• 8		1			1		T		!	1.3	3,7
s	. 8	1.4	1.3	• 2					<u>+-</u>		<u>.</u>	3.5	6.3
SSW	1.3	2.9	2.4	1.0					1	i		7.4	6.7
5₩	• 6	1.4	1.9	:.6	• 2			1	1		 	5.7	8.5
wsw	• 6	1.1	4.3	2.1					1	•		8.1	8.7
w	1 : 4	1.6	4 . 5	1.4	• 2	•						9.4	7.9
WNW	1.0	1.3	3.8	1.3							<u> </u>	7 . 3	8.0
NW	• 8	1.5	1.4	• 5		1				1	1	4 . 3	6.7
NNW	• 6	3.9	1.6	1.0						!	 	7.0	6.5
VARBL		• 5	7.8	1.4	• 2			1		1		9.9	9.1
CALM		\times	><	><	$\geq <$	><			><			5.7	
	17.1	27.9	36.9	11.9	• 5							190.0	6.6

TOTAL NUMBER OF OBSERVATIONS 631

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GECTAL CEIMATOLOGY BRANCH U AFETAC AIT WEATHER SERVICL/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 6440	FULCA AAF DL	73-81	JUN
STATION	STATION MAME	YEARS	MONTH
		ALL WEATHER	1530-1700
		CLASS	HOURS (LST)
		COMDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 3	2.6	2.2	• 9				!				€.7	6.6
NNE	1.1	2.9		. 4								6.7	5.9
NE	• 6	1.3										6.5	7.5
ENE	, 7	1.3				1						4.5	6.6
E		2.0	• 7									3.3	6.5
ESE	• 4	• 5	• 5	• ?								1.7	5.7
SE	. 4	. 4										. 7	3 • 9
SSE	. 7	1.1					1					2.0	4 . 3
. 5	1.5	. 7				<u></u>						3 • 3	4.5
55W	• 2	3.7		. 4				l 	·	· •		7.1	5 • 6
sw	• 5	1 • 7		1.5				ļ		: •		5.91	8.5
wsw	- 4	2 . 8		2 • 2		İ		i 				9.31	8.4
_ w	1.7	4.3		.6		<u></u>		<u></u>		<u> </u>		<u>10.0</u> ;	6.4
WNW	. 6	2.9	3 • 3			!						8.4	7 . 8
NW	. 4	2.8	2.8	• 2		<u></u>						6.1	6 . 5
NNW	. 7	2.7	2.4	i		ļ				 		5.4	6.1
VAPBL	<u> </u>	. 4	5 • 2	• 9				Ĺ		L		5.5	8.3
CALM		$\geq \leq$	\sim	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	5.00	:
	11.0	33.5	43.0	9.9								123.3	6.5

TOTAL NUMBER OF OBSERVATIONS 5.7.0

USAFETAC FORM 0-8-5 .OL-A | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH CHAFETAC Ale Weather Service/Mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 5445	FILDA AAF DL	73-81		JUL
STATION	IMAH MOITATE		YEARS	MONTH
		ALL WEATHER		1600-1800
		CLASS		HOURS (L S T)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	3.4	1.4	• 5									5.3	3.5
NNE "		• 5	• 2									.8	5.1
NE "													
ENE "	· · · ·					·							
Ę		• 3										• 5	3.3
ESE	• 3	• ?										• 5	2.7
SE	1.1	• 2					L					1.3	2.0
SSE	1.4	• 2										1.5	2.4
5	2.6	3.	• 5				i					5.2	4.0
ssw	1.0	5 . 4:	2.7									13.1	5.3
sw	1.4	3.4	2.6	.5						!		7.8	5.9
wsw	1.4	1.6	2.1	. 5			!					5.6	6.2
w	1.0	3.7	1.3	1.1		!	1			Ī	Ī	7.3	6.4
WNW	• 5	1.0	1.1			1				:		2.7	5.8
NW	1.1	1.7	• 3	• 2			1		:	!	I	2.6	4 . 3
NNW	2.3	1.5	• 5					!				4.3	3.6
VARBL			• 2					!		1		• 2	7.7
CALM		$\geq <$	$\geq <$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$			43.6	
	18.8	23.3	12.7	2.2							Ĺ	100.0	2 • 3

TOTAL NUMBER OF OBSERVATIONS 6.26

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS JORM ARE OBSOLETE

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CL PAL CLIMATOLOGY BRANCH USAFETAC ATA WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 44°	FULDA AAF DŁ	73-81	JuL
STATION	STATION NAME	TEARS	MONTH
		ALL WEATHER	9 10 + 1 1 1 1 1
		CLASS	HOURS (L S T)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.9	2.0	1.4			!	·	*				7.3	4 . 3
NNE	1.3	1.	• 1						!			2.1	3.7
NE	. 4	1.1	• 3	. 3								2.1	5.7
ENE	. 3	• 3	• 1			1		1				1.3	4.5
E	. 4,	• 4				1	•		,	•	•	• 3	3 . 2
ESE	• 6	• 3										1.4	4.7
32	• 4	• 1	. 1				:		• • - • - • - • • • • • • • • • • • • •	•	•	• 7	3.8
SSE	. 7	. 4	• 3	!								1.4	4.2
5	. 6	2.4	1.1	• 3				*				4.3	5.9
ssw	1.1	3.2	4.5	• 6								9.9	6.7
sw	. 4	3.1	5.9	• 6							•	7.9	7.3
wsw	•€	2.7	3.9	• 8		1	1	1			•	3.3	7.5
w	1.5	4 . 2	3.4	1.4		!	;	,			•	10.5	6.8
WNW	1.5	1.7	2.5	. 8		i						6.6	6.5
NW	1.1	2.7	2.8	. 4		,				!	1	7.3	6.8
NNW	1.7	2.7	1.7								;	6.3	5.3
VARBL	- 1	• 1	3.2	• 6					1		1	4.1	3.3
CALM	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	\geq	\geq		><	$\geq <$	\geq	><	16.5	
	15.4	30.9	31.3	5.7								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 715

USAFETAC FORM 38-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TECHAL CLIMATCLOSY BRANCH ULAF TAC AT UFATHER SERVICIZMAS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 5445	FULDA AAF DL	73-81	JUL
STATION	STATION NAME	YEADS	MONTH
		ALL WEATHER	10,0-1400
		CLASS	HOURS (L S T)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	 22 - 27 :	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.7	2.5	1.7	• 5 _i								5.4	5.4
NNE	• 3	2. "	1.2	• 2								+ • 2	5.7
NE	. 5	1.5	• 2						1			2 • 2	4.9
ENE	1.1	• 3							Ī			1.9	3.6
E	• 3	• 5										1.9	4.5
ESE	i • 2	1.1	• 3									2.0	3.7
SE	. 5	• 3	• 2									. 9	4 . 3
SSE	• ?	٠٢	• 6				i .					2.3	4.4
S	1.2	1.7	•8	• 2				: •	** *			3.9	5 • 3
\$5W	٠ و	1.1	3.9	1.2	. 2		İ					7.1	3.1
sw	• 2	1.5	4.8					<u> </u>		I		3.7	9.7
wsw	• 5	2 • 3	6.7	1.2				<u> </u>	!	i		10.7	6.2
_ w	1.7	3.6	6 • 8	2.9				·				14.1	7.5
WNW		2.8	3 - 1	• 5		<u> </u>		<u> </u>	<u> </u>		·	7.3	6.5
NW	1.7	2.3	3.6	. 6	. 2		İ			1		9.4	6.9
NNW	:•11	3 . 3	1.6	. 5			Ĺ	·		:	: 	5.7	. 5.2
VARBL			5.7	• 2								6.8	€.4
CALM		><	><	$\geq <$	$\geq \leq$						$\geq \leq$	4.3	
	15.0	27.9	42.2	9.3	• 3					Ī -		170.0	6.5

TOTAL NUMBER OF OBSERVATIONS 64

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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ULCHAL CLIMATOLOGY BRANCH USAFLIAC ACE WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 7445	FULDA AAF DL	77-81	Jul					
STATION	STATION HAME	TEARS	MONTH					
		ALL WEATHER	15 0-1709					
	CLASS							
		Combiting						

SPEED KNTS DIR	1 - 3	4 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	43 55	≥ 56	90	MEAN WIND SPEED
H	• 1	•	•	•3								7 . 1	6.3
NNE	1.1	1.	• 4									3,• 2	4 . 8
NE	• 4	2.1	• 5									3.0	5.7
ENE	• •	1.	• 3									2.5	5.5
E		• 2	• 6									1.5	5.4
ESE		•	• 2									2.9	3.5
SE	• £	•]										<u>• 0</u>	
55£	. 3	• 0	• ?]									1 • 9	. <u>4 • }</u>
5	. 9	1.5	• 4									2.5.	4 . 3
ssw	. • • •	1.1	1.9.	1.1								4.7.	3 • 1
5₩	. • •		ં • 1	• 4		. ,						7.9.	7 . 4
wsw	1.1	3.6	ָר•י	2.3								13.7	7 . 7
w	. 5	3.4	5.2	1.9	• 8							13.7	8.5
WNW	1.0	3.3	3 . 4		• 2,						• · · · · · · · · · · · · · · · · · · ·	9.• 7.	6.6
NW	1.1.	2.3	5.1	• 8							•	. ? <u>•2,</u>	7.1
NNW	1.5	2.4	2.3					•	•	•		5.4	5.9
VARBL		· · · · · · · · · · · · · · ·	3.4	- 9			i ,		4 • 1.	9.2
CALM	`><î	><1	`><^	><	><	><	\rightarrow <					5 • 1 ₁	1
	15.6	29.7	4~.6	8 . 1	. 9		K== :. "≟	A	¥ - : · `` 	Ƴ	السي ١٠٠٠	100.0	
	13.0	2401		0 . 1			L	<u> </u>	 	<u> </u>	<u> </u>	1 Leu	5.5

TOTAL NUMBER OF OBSERVATIONS 5.3.

USAFETAC FORM 0-8-5 OL-4 - PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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DESTAL CLIMATOLOGY PRANCH COMPLIAC AIR WEATHER SERVICEMMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TOWAS FULCE AAF DL TS-RA SOUTH STATION NAME ALL MEATHER CONDITION

CONDITION

TOWAS TAKEN SOUTH SOUTH STATION NAME SOUTH

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 . 10	11 - 16	17 - 21	22 - 27	28 33	34 - 40	41 - 47	48	55 ≥	.56	*	MEAN WIND SPEED
ĸ	7.5	3.0	• 5										- 1	: - 3
NNE	<u>.</u>	• 7	•7			-							1.0	4 • 3
NE.		• *				<u> </u>							• 5	3 • 🗟
ENE	• '.					Ĭ.		i -					• 2	2.
[E		• "	•		_					•			• 3	3. €
ESE	• 8]												• 3	1.8
_ 5E		• *										. •	. 1	2.5
SSE	1.9									•			1.9	2.0
s	1.7	1.4				ŀ							3.2	3.5
ssw	2.1	2.1	• 3	. 3.		i		1		–		•	+ • *	4.4
sw		1 • '		. 3						•	• -			5.0
wsw		1.	• 0							•		· · · · •	ž • • i	6.2
w	1.1	1.1	• 3	• 2,						• -	•	••	3.2	5 • 2
WNW	1.3	G.		. 2							• • • •	·	: 1	4.3
NW	1.7	1.7	• 2	•				T		•		-	3.5	3.9
NNW	5.1	L • 1								•	*		7. :	2.0
VARBL	# · · #-		1							• I		•	•	
CALM				≥ 0	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq <$	<u></u>		< _	56.7	
	23.6	15.1	3.5	. 1		<u> </u>				i			100.0	1.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM G-8-5 OUTA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LINATORES Y TRANSH. STATE OF TARREST

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 3445	FILTS AAF OL	7 7 - A ;	3.0
STATION	STATION MAME	YEARS	MONTH
		SATHER	<u> </u>
	č	LAIS	HOURS LST :
		DITION	

SPEED KNTS- DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	3 • 5.	2.7	• 5	• 1									4.
NNE	" • 3°	2.7	• 5									2.5	4 . 1
NE	" •°.	1.	• 4									~ • *	4.7
ENE	. 9	· 5	3	·			•						4.1
E	. °	• 7	. 3			•	•	•				<u>.</u>	4.
ESÉ		• • • •	. 4	• 1			•	•			,		5.1
SE	· 7.		. 7				•	•	•	•		1.7	5.7
SSE	# - : -	1.3	. 7				•	•					4 . 3
5	1.	4.4	1.6	. 1			•	•					<u> </u>
ssw		4.3	3.	- 1			•	•	•	•			~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
sw	1.1	1.6	2.9	• 1	. 1								7
wsw		1.5	7.5	. 9		•	•	•	•		•	j	7.6
w	• ?	1.9	1 • ¢	. 0	. 1		•	•	•	,		5.4	7.5
WNW	. 4			. 4	•		•	•	•			j	• 1
NW	" <u></u>	2. 7.		• 1		•	•	•				5.3	b • 2
NNW	3.4.	2.		• !	•	–	•••	•	•	•		5.1	3.3
VARBL	•		1.3		• • •		•	•	•			1.3	- · ì
CALM							<u>.</u>		• -			73.5	7.5
	23.6	29.3	21.3	3								102.1	401

TOTAL NUMBER OF OBSERVATIONS

: 2.3

USAFETAC RUMAN (MHS OFFA PRE- US ESTUMS IF THIS FLAM AND MESHET

SELPAL CLIMATOLOGY FRANCH Unafetao ain weather sepvice/mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 446	FILDA AAF OL	77-81	≛ ∪ *				
STATION	STATION HAME	AEYAR	BORTH				
		_ALL WEATHER					
		CLASS	1 7 7 - 14 7 1 mounts (c s T)				
		COMPITION					

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	Ī.	2 . 3	1.9			······································	•—					: 1	F.0
NNE .	. 5	2.9	• 7	• ?					•		•		6 مان
NE.	, a	1.	. 5	. 3				·	•		•	3.5	5.7
ENE	1.2	2 • 5	1.5	• 2					+	• •	•	5.7	
ε	. 6	1.		• 2:		•	:	• -	•	•			٠, ، ،
ESE	• 6	1.7	• 8	. 2					•	• • • • • •		1.2	υ·`
S.E		• 3	. 6						•	•		· , , , .	1
322	1.1	ຸ ວັ.							•	•		3.1	5.3
5	1.1	3 . 5	3.2	. 5	• 2			• - •	•	•			6.5
55W	1 • 5	4.3	2.5	. 0					•				6.1
sw	• 6	3 • 1	3.5	• 3			·		•				5 • 1
wsw	້ ູຄໍ	3 . 5	3.4	.6				•	•				٠. ٦
w ·	.6	1.5	2.0	1.7				• ••••	•				6.0
WNW		1.	1.7	• 3:	. 2		<u> </u>		•	•		3	7.2
NW .	1.1	1.5	4.0	. 8			;	,	•			7.4	•
NNW .	2.1	2.3	. 9,	. 5					•	• .			· . 1
VARBL		• 5	7.2	• 5								3.3	. 3
CALM		\ 			\leq	$\geq \leq$	$\geq <$	$\geq \leq$		~ · ·	· -	4.5	
•	13.4	35.3	36.5	6.9	• 3			;	, .= 			113.3	6.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM GREAT CLEAR PREVIOUS (CITIONS OF THIS FORM ARE OBSOLITE

DETHAL CLIMATOLOUV COANCH COAFLIMAC ATH WOATHER SERVICEMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	F L A AAF DL	77-81		∆ ⊖ ?
STATION	STATION N-ME		YEARS	MONTH
		ALL WEATHER		15 7-1770
		CLASS		HOURS (L S T)
		CONDITION		

SPEED (KNTS) DIR.	i - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	4) - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.7	2.5	1.7			 		-				5.7	5.0
NNE	1.7	2.6	2.7	• 3						•		<u>∘</u> • 7	ن و 4
NE	• 2	1.	2 • 2	. 7		!	,		:			4.3	7.5
ENE	• 9	1.2		. 3								4.0	5.7
£	1.4	1.3	1.5	• 2					<u> </u>			5.0	5.5
ESE	1.2	1.4	1.0	. 5				!				4 . 1	0.1
SE	• •	1.2	• 5	. 2					1		· •	2.4	5.4
SSE	• 31	1.5	.7							+		2.5	5.5
S	1.5	2.5	1.5	• 2		!						<u> 5 • 3</u>	5 . 3
ssw	1.7	4.1	2.4	• 3						•		9.5	5.5
sw	. 7	3 • 1	2.7	: . 2						•·		₹•5. 7•7	7.4
wsw	1.7	1.7	2.6	. 9					-			5.2	7.3
w	: • n	2.5	2.9	. 7				1		•		7.2	6.9
WNW "	7	1.9	2.6	1.0								6.2.	7.7
NW		7.3	3.4		• 2			<u> </u>	1			7.2	6.8
NNW	1.5	2.7	1.5	• 2				1				€.3	5.2
VARBL			5.8	. 5				!				6.4	3.5
CALM		$\geq \leq$	><	$\geq \leq$	\geq	\geq	> <		$\geq <$		><	2.4	
· 	15.2	35.1	38.3	7.2	• 2							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 582

USAFETAC FORM 0-8-5 OL-A TREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OBIGAL CLIMATCLOUY GRANCH Unaf tac als weather service/mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 445	FULTA AAF DL	77-91	580		
STATION	STATION NAME	YEASS	MONTH		
		ALL HEATHER	060 7- 0800		
		CLASS	HOURS (LST)		
		COMPITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	. 17 - 21	22 - 27	28 · 33	34 - 40	41 · 47	48 · 55	≥ 56	``	MEAN WIND SPEED
N	2 . 4.	1.4	• ?			:						7.1	3.1
NNE	• 5	• 5	• ?									1.2	3.9
NE	. 2	• 2				<u> </u>						• 3	4.7
ENE	• ?	• 2						Ĭ				• 3	2.5
E	• 5	• ?										• 7	2.5
ESE	. 7	• 7										. 9	2.4
SE	• 9	• 3						i				1.2	2.3
SSE	1.5	• 7							<u></u>	Ţ	1	1 • 7	2 • 1
\$	3.2	2.	1.5	• 5]			l —————	:		7 • 3	5.0
55W	1.4	3.5	2.9	. 9								5.7	5.3
sw	1.5	1.7		1.7		1				1		5.5	6.6
wsw	1.4	1.7	. 9	• 3		1	1					3.6	5.4
· ·	. 7	1.	. 9	. 5		1	1			1		3.8	6.4
WNW		• 7	· · · · · · · · · · · · · · · · · · ·	• 3			!			:		2.01	6.5
NW	1.7	. 7	• 2			1			!	1		2.6	3.5
NNW	3.2	• 9				1		i		+	!	4.3	3.0
VARBL			-			 			·	 -		1	
CALM	# = · · · ; #4.	$\geq \leq 1$		\geq	\geq	\geq	\geq	\geq	>		><	50.9	
	2:5	15.5	9.5	7.6								130.0	2.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-R-5 -QL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SETRAL CLIMATOLOGY GRANCH UCAFETAC AIM WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1945 FULD AAF DL				77-81		564
STATION			STATION HAME		YEARS	MORTH
				ALL WEATHER		,900-117,
				CLASS		HOURS (L S T)
				CONDITION		
			<u> </u>			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.7	1.7	.5									5.9	3.4
NNE	• 3	1.7	. 9				•		•	· · · · · ·		3.4	5 • 1
NE		. 9	1.2				•			•		2.6	6.6
ENE	٩.	• 6					•		. —-			1.2	2.9
Ε	• 3						•		• • • • • • • • • • • • • • • • • • • •	•		• 3	1.5
ESE	• 5						•		.			• 5	2.3
SE	1.2	• 3	• 3				•	·		•		1.9	3 • 3
SSE	1.4	• ?	• 3	• 2								2.0	4 . 1
s	1.7	4.9	2.8	1.4								13.5	6.4
SSW	. A	5.1	4 . 2	2.5	• 2							12.7	7 . 6
sw	• 5	1.7	3.4	2 • 1	• 5					•		7 • 1	8.3
wsw	• 5	1.5	2 • 2	1.7								6.3	8.4
w	• 2	• 9	2.9	1.4				_				5.4	9.0
WNW	• 9	• 9	• 5	. 9								3 . 2	7.0
NW	1.1	• 5	1.2	• 2	• 2							7.4	6.4
NNW	2.5	1 . 4	• 3	. 3								4.5	4 . 3
VARBL			1.4	• 5						•		1.9	9.6
CALM	><	$\geq \leq 1$	$\geq <$	$\geq <$	$\geq \leq$	><	$\geq <$			>< 0	><(27.2	
	17.2	22.6	22.1	17.2	. 8				1			100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 347

USAFETAC FORM 0-8-5 -OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ULIBAL CLIMATOLOCY BRANCH ULAFITAT ATT REATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 -445	FULDA AAF UL	73-81	950
STATION	STATION NAME	TEARS	MORTH
		ALL WEATHER	17:0-1407
		CLASS	HOURS (LST)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.5	1.2	1.2					:				4.8	4.
NNE	• 3	1.5	1.3	. ?								. <u>+</u>	5.
NE	. 3	1.3	1.2									7.1	٠
ENE	. 7	1.2	• 5	• 2						· ·		2.5	5.
E	• 8	• 2		•			· -					1.6	3.
ESE	• 3	• 5										. <u>.</u> .	J .
SE	. 7	. 3	. 5									1.5	4.
SSE	1.3	. 7	1.0	• 5								3.5	5.
5	2.6	2.5	3.1	2.1								1	7.
ssw	1.5	4.1	6.6	2.7	• 3							14.5	7.
sw_	- 5	2.	5.6	2.5			<u>.</u>	·				10.5	5 •
wsw	. 8	1.5	4.7	1.9				I				. ﴿ وَعِيْ	<u>.</u>
w	1.3	1.6	3.6	2.3			<u> </u>					<u>5.9.</u>	٠5
WNW	1.2	1.3	, 9	1.3				<u> </u>				4 • 6	7.
NW_	. 7	• 5	. 2	. 3					· ·			2.2	5.
NNW	2.3	2 • 5	1.3	• 2								0.4	<u>5 •</u>
VARBL			4.8					L				5.4	9.
CALM	≥ 1	$\geq \leq$	><		$\geq \leq$	><	$\geq \leq$		$\geq <$			7.2	
	18.8	24.1	35.6	14.7	. 3						,	100.0	٥.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLUBAL CLIMATOLOGY BRANCH UTAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 3445	FULDA AAF OL	73-81	\$ <u>8</u> P
STATION	STATION NAME	15/48	MONTH
		ALL WEATHER	15.9-1703
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.5	2.7	1.5									5.2	5.1
NNE	1.1	1.5										3.5 3.2	5.1
NE	.6	1.9	. 7									3.2	4.5
ENE	1.1	. 7										2.4	4.4
E	• 5	• 7										1.5	4.8
ESE	. 4	• ?		• 2				1				. 7:	5 • 3
SE	• 2	. 4	• 2	• 2								• 9	6 • 2
SSE	• 2	1 • 7	. 4	• 2			i 	<u> </u>		·		2.4	5 . 8
\$? • 8	4 • 3		1.9			! 	·				11.5	6.9
\$sw	2.8	3.9	3 • ⊃					i	! •	<u> </u>		11.4	6.4
sw	2.0	4 - 1	4.7		. 2			!		<u> </u>		13.2	7.5
wsw	1 • 3	3 • 5		. 9				1		<u> </u>		12.5	7.1
w	1.1	1.5	3.5	2 . 5/			Ĺ]	i	ļ		7 • 8	7.7
WNW	• 9	1.9		1.7		.?		<u> </u>				0.5	8 • 5
NW	. 6	1 . 3	1.5									3 • 4	5.9
NNW	. 4	2 . 4	1.3	. 2								4 . 3	6.0
VARBL			2.5	. 6						1		3 • <i>2</i>	8.9
CALM		$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$					8.1	
	17.5	32.2	30.2	11.2	. 7	• 2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 531

USAFETAC FORM 0-8-5 -OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLORAL CLIMATOLOGY GRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 4445	FULDA AAF DL	7?-81	OCT
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	<u>∞600-1377</u>
		CLASS	HOURS (LST)
		CONDITION	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.7	1.4	. 7	• 2								3.9	4.6
NNE	•	. 3	• 3									1.2	5.3
NE	• 2	- 5	• 3						į			1.3	5 • 3
ENE	•	• 3							Ī			• 2	4.0
€ .	•		. ?							i.		. 2	3 • €
FSE	• 3	• 2	• 2						1			. 7	4 . 9
SE .	1.7	. 3	• 2									1 • 7	3 . 2
SSE	7.9	. 5	. 3.	• 2					!			3.9	3.6
s	4.4	3.4	1.5	• 5					1			9.8	4.7
55W	1.0	4 . 2	3.2	. 8					!			10.2	6.2
sw	1.9	2.2	2.2	. 8	. 3		:			i		7 • 5	0.8
wsw .	. 9	. 7	1.0	• 8	• >		1			! !		3.5	5 . 5
w	1.2	• 8	1.7	• 5	• 5					1		4.4	7.0
WNW	1.3	1.0	• 8	1							!	2.9	4 . 3
NW	• 5	1.2					1	Ī		İ		1.7	3.5
NNW	2.4	• 3	• 3	• 2						!		3.7	4.7
VARBL													
CALM		$\geq \langle$	$\geq <$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	\geq	$\geq \leq$	\geq		43.5	
	20.4	18.3	13.1	4.1	. 7							100.0	3 • 1

TOTAL NUMBER OF OBSERVATIONS

589

USAFETAC FORM 0-8-5 OL-A - PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRAL SEIMATBEBGY RRANCH U DELTAC AIS WEATHER SERVICE/MAS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1945	FILTA AAF UL	77-81	nct		
STATION	STATION NAME	TEARS	MONTH		
		ALL WEATHER	7900-1100		
		CLASS	HOURS (L S T)		
		CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	2.2	1.2	1.5	. :								5.1	5.4
NNE	. 7	• 9	• 1					•				1.8	3.8
NE .		• 7	• 3						:			1.2	5.4
ENE	. 4		- ₹						<u> </u>			.7	4.6
E	. 4	· ·	. 3	• 1							·		ψ . 5
ESE	. 6	- 1	• 3								·	1 •	4.7
SE	. 6	• 1		. 4								1.2	6.5
SSE		1.2	. 4	• 1	• 1							3.4	5.0
5	3 . 2	4.3	7.2	. 4			· 		!	•		11.7	5.4
55W	1.6	4.	4.4	• 9			: •	•	•	•		10.8	5.6
sw	• 7	1.6	3.5	1.6	_• 1				i 	4		7.0	8.5
wsw	<u> </u>	1.5	2.0	1.6	. 4	. 1			1 ↓	<u></u>	· · · · · · · · · · · · · · · · · · ·	5.9	9.9
w	1.7	• 7	2.2	. 6	. 1		<u> </u>		·			4.7	7.6
WNW	• 01	1.3	1.9				i	·				3.6	6.6
NW	1.2	. 7	1.9					<u>. </u>	i 	·		4.1	7.
NNW	2.5	• 0	• 3	- 1		[<u> </u>			:	3.3	3.6
VARBL			• 1	• 1				<u> </u>		Ĺ		. 3	9.5
CALM		><		><	\geq	$\geq \leq$	$\geq \leq$		><	><	><	?2.5	
	17.1	19.8	22.8	6.6	. 9	• 3						123.0	4.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRAL CLIMATOLOGY BRANCH GOAFLTAC AIC WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 447	FULDA AAF BL	73-81	ОСТ
BTATION	STATION WARE	YEARS	MONTH
		ALL WEATHER	1716-1470
		CLASS	HOURS (L S 7)
		COMDITION	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	`	MEAN WIND SPEED
N	1.4	1.9	. 2	• 2	•?							4.3	5.6
NNE	• •	1.5	. 8	• 2									5.8
NE	. 5	• 5i	. 6	• 2				1		· - · •	· · ·	1.7	5.9
ENE	. 3	. 5	. 9						!			2.2	5.4
. E	. 6		. 6	• 3							•	1.6	7.1
ESE	• 3	• P	• 9	• 2								2 • 2	6.9
SE	.6	• 3:	• 8									2.2	5.5
SSE	• 5	• 5,	• 5	• 3						•-		1.7	6.9
5	2 • 1	4 . 5	5.0	• 5								12.3	5.2
SSW	1.1	5 • 3	3.2	1.4					T			15.	7.3
sw	• 5	2.6	3.3	2.0	1.1							9.5	9.5
wsw	• 6	. 9	3.7	2 • 3	• 6							7.5	7.9
w	- 5	• 9	3.4	1.9							•	6.3	9.0
WNW	- 5	• 8	2.5	• 6	. 3				·			4.7	8.6
NW	• 6	. 9	1.1	• 5				T			-/	3.1	6.9
NNW	1.4	1.2	1.6									4.2	5.6
VARBL	1	• ?	1.4		• 2				1			1.7	9.6
CALM		$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	\geq			15.5	
	12.4	24.1	35.2	1 . 4	2.3						i	100.0	6 • 3

TOTAL NUMBER OF OBSERVATIONS 644

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

...

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LITTAL CLIMATOLODY BRANCH
LIMETAGE
ATTACH SETVIC /MAC PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	TOWAN AAF OL	73-81				
#CATION	STATION NAME	YEARS	HONTH			
	ALL	WEATHER	15 18-1703			
		CLASS	HOURS IL S T I			
		COMPITION				

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 55	≥ 56	•	MEAN WIND SPEED
N		1.7	• 9									_ , 7	5.3
NNE	• 5	7.	1.4	• 2								4.2.	5 € 1
NE	. 4	1.1	• 5						1			2.5	5.
ENE	, · · · · · · · · · · · · · · · · · · ·	1.3	1.4						!			. 9	5.7
E	•			• ?						• • • • = •		. 7	1
ESE	• ব	• '>	• 2									1.6	4.:
SE	• 7	1.7	1.3									3.4	5.6
SSE	1.	1.3	1.1	• 2							* · = · - ·	3.3	5.7
s	2.0	7.5	2.5	. 4							•	13.4	5.7
ssw		6.9	3.1	1.3								13.2	5.
sw	1.1	3.1	5 • 2	1.1	• 7							11.2	7.7
wsw	7	4	2.2	2.0			;				•	5.9	7.4
w	. 1	2. ^	2.2	1.6								5 • 3	6.3
WNW	. 7	1.0	1.8	. 7	• 5							5.6	8.0
NW .	. 4.	1.7	1.1	. 4				:			•	3.9	0.3
NNW	1.6	1.€	. 5	.7							*	4.5	5 • 3
VARBL			. 7	• 21			I .	T	[1		. 9	9.0
CALM	mary i i i i i i i i i i i i i i i i i i i	$\leq \zeta$			\leq	$\geq \leq$				> <		17	
	14.5	38.7	26.8	9.9	1.3				<u> </u>			120.3	5.3

TOTAL NUMBER OF OBSERVATIONS 5 4 7

USAFETAC FORM ARE 08-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE 0850-LETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ETATION	FOL DA AAF OL	7 7 - 8 1	N J V
		EATHER uss	HOURS (LSY)
	CON	MITTON	

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	۸,	MEAN WIND SPEED
N	1.1	• 4	• 5										3.9
NNE	• 4	• 5	• 7						1			1.6	5.7
NE	• *	• 7	• 7	• ?								2.4	5.?
ENE		• '•	. 5	• 4				1	1			1.3	8.7
₹	• ?								*				4.0
ESE	•							l •					1.7
SE	. 4	• ?					·					• 5	3.3
SSE	1.1	1.5	• 2				i •				·	2.7	4.5
	<u> 7 .</u> .	5.1	2.4	21	[·			1:41	5.2
ssw _	2.44	4.	5.6	1.5					·			13.5	7.1
sw	"•	?.*	4.7	<u> </u>	. 5			·	! •			12.5	8.7
wsw	1.7	2.	7.3	2.7	. 7			· •	: • —— — : •			10.21	9.1
. w		2.4	3.5	1.5	. 5						·	a . 7!	8.3
WNW	•	1.1	. 9	•5	·		 		ļ			_ 3	6.5
NW	<u> </u>	2.7	• 5					<u></u>	·		+	3.5	4.9
NNW	• 7.	• 7	. 4					1	!		-	1.5	4.4
VARBL			. 2	. 4	- 4		l 	* ·			·	. 9	14.6
CALM	, -	`≥≤_ ,			$\geq \leq 1$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$		24.2	**** ****
	15.1	23.t	24.4	17.5	2.2		<u> </u>	L			<u> </u>	120.0	5.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAL HAM -4.5 32-4 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLÉTE

ULTHAL CLIMATOLOUY PRANCH ULTELTAC AI WEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 7845	FULDA AAF DL	77-8:	Nev
STATION	STATION NAME	YEAR	MONTH
		ALL WEATHER	.977+.1177
		CLASS	HOURS (L S T)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	. 41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 5	1.2	• 5					•				3	4.9
HNE		. 6	• 9	• 2									6.5
NE		• 7	1.1	. 2						•	•	1.4	9.3
ENE	• **	• ,	• 5	• 2					*		•	1.1	7."
E	•			• 2								. 5	5 •
ESE				• 2								• S	5.3
SE	• 7	• 3										• 5	3.3
55E	1.4	• 9	• 3										3.6
S	3.7	5 . 1	2.8	<u>• 5j</u>			.					<u>. 12.)</u> .	5.1
ssw	1.5	5.4		2.0	<u> </u>							15.1	<u>7 · 6</u>
5 W	1.5	3.2		4 • 3	. 6	• 6						15.6	9.7
wsw	<u>. 5</u> ,	2.3		3.4	• 2						1	٠.٩١	7 . 3
w.	• ?	1.2	4 b	3.1	2				·			7.6	1.3
WNW		• 5	• 9	• ?			·					. 1.9:	7.3
NW	• 5	1.4	• 6	. ?					•			2 • 3	5.4
NNW	• 8	1.0										<u> </u>	5.4
VARBL			• 5	• 2		. ?						• 3	12.7
CALM		$\geq \leq$		$\geq <$	$\geq \leq$	$\geq \leq$			<u>.</u> ><			14.5	
	12.7	24.5	27.8	14.7	1.1	. 8				<u>l</u>	1	103.0	6.3

TOTAL NUMBER OF OBSERVATIONS

54

USAFETAC FORM SHE'S OL-4" PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DECEMBER CLIMATOLOGY BRANCH LOFT TAG AD WHATHER SERVICLAMAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10 645	FOLDA AAF OL	77-81		N.D.,
STATION	\$TATION H.ME		YEARS	WORTH
		ALL WEATHER		17.7+141
		CLASS		MOURE (3 7 /
		CONDITION		

SPEED (KNTS) DIR:	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.2	2.	:.7									4.5	5.4
NNE	•	1.7	1.2									2.7.	D • 4
NE .	• 3	ر. •	1 • 2	• 5				i				2.3	3.7
ENE		•	• ?					İ	!			• 3	7.5
E	· · · · · · · · · · · · · · · · · · ·		. 7	• 2					·			1.	υ·-
ESE	• -												2.3
58	7												<u>2 • 5</u>
55€	1.7	1.	. 3					•	: 				4.3
5		2.3	3.5	1.2				:	· •			3 • 01	0.5
ssw	1.8.	3.2	7 . B		2							15.4	7.9
sw	. •	2.7	3.6		. 5				L	.		10.4	9.4
wsw	<u>.</u> .	1.2	4.9					ļ	· 			11.7.	9.7
w .		1.2	5.6		. 3			!				. 12.	9.4
WNW	: <u></u>	• 3:	1.3					 	· •			<u>. 3.7.</u>	9.4
NW		• 3							· • ,			2 . 3	7.3
NNW			• 3					<u> </u>	: .			? • 2	5.1
VARBL	-	، پرسانات استان سال	1.0	. 91	?		·	بر	ļ			_ ?.Q.	11.7
CALM		$\geq \leq$	$\geq <$	≥ 0	$\geq \leq$	><	$\geq \leq$	><	><			12.1	
	11.3	19.3	41.4	15.8	2.2	•5		I	T			a 15.0	7.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM (18-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	1 AAT			**-8 <u>1</u>				<u></u>
		STATION N.ME			YEARS			Cath
	-		ALL.	WEATHER				-170
				CLASS			нс.я	LST
				CONDITION	= -	_		
				······				
SPEED VA,To D.R	1 - 3	4 · 6 7 · 10	11 - 16 17 - 2	1 22 - 27 28 - 33	34 - 40 41 - 47	48 - 55 ≥ 56	°,	MEAN WIND
N .	•	. 7, 1.	5				3.	6
MME	• •						. • 🔻	5
₩ €	• 5.	• 1	°				. • 3.	- 7
<i>thit</i>	• ``		. 4		i		• 0	
ŧ	•	• 55					• 4	4
ESE		•					•	4
5 F	• •					•. •		-
4.7.8		1.	5		• • • • • • •	•	3.5	ز ز
	* 3	1.3 2.	5 2	1			·	
55.86	1 •	5.7	3 2.0			•	16.7	7
5 w	•	3.0	<u>:</u> : :.7 : 1.	, n		•	14.5	3
* w		3.1 +.	5 .6	• 4	···	• • • • • •	7.0	7
₩	. 11	2 4	_ · · · · · · · · · · ·	<u> </u>		• • • •	. 11.	ý
w.v.w	1,					• •	11.5	ş
	•			<u></u>	· ·	• • • •		, a
Nilai								
NW	• /					• • •		10

TOTAL NUMBER OF OBSERVATIONS

OU FILE TETMATULOUY FRANCH Unifulac And Asames Servicumac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 5 + 7	FOLDA AAF OL	77-81	nes
\$T&T-0#	STATION MANE	76495	MO-TH
		ALL WEATHER	(800-1971)
		CLASS	HOURS IL S T 1
		CONDITION	

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
Ν	্য	1.1	1.7									3.7	5 • 5
NHE	• -	1.1	7	• ?							•	" 2•2°	6.7
NE													
EME	•	• 4							•		•		→ • ⁵
€	• -	. 4										 •_⊍_	3.3
ESE	• 6	• 4	• 4									1 • 3	4 . 7
SE	• 6	• 0	• ?									[1.7]	4.1
SSE	1.1	1.0	. 6									3•*	4 . 4
5	; • 9	5.	7.7	1.1								10.9	5.5
ssw	3.	5.	5.5	1.3								14.5	¢ • 4
sw	1.7	1.7	3.9	4.6	. 7	• ?						12.4	9.9
wsw	. 7	1.	7 . 3	2 . 4	1.3	?		•				7.5	13.4
w	• 3		. 9	<u> </u>	• 2							4 • 2	9.5
WNW	• 4	1 • 7	. 4	. 4	. 4			<u> </u>				ية. و	5 . 4
. NW	<u>. ? </u>	1.7		. 4		<u>·</u> ~		i				3 • <u>1</u> .	7.5
NNW	$\frac{1 \cdot 1}{1 \cdot 1}$	1 • 8,	. 4.	. 4				<u> </u>				. 3.7.	4.7
VARBL	L . L	i .	. 6	. 6				<u> </u>	:			1 • 1	11.3
CALM	<u>, 23</u>	`			$\geq \circlearrowleft$	$\geq \leq$	$\geq \leq$	$\sqrt{}$				72.1	
······································	14.9	24.5	2.1	13.1	2.6	• 6		<u> </u>		·		<u>::na.a:</u>	5.7
									TOTAL NUM	IBER OF OBS	SERVATIONS		54.3

USAFETAC FORM 0-9-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SUPPLIED CHIMATOLOSY FRANCH LAFETAC MITCLAEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 445	FULDA AAF DL	73-81		DEC
STATION	STATION Name		YEARS	MONTH
		ALL WEATHER		1907-1177

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
N	• p	1.3	• ?									?•?	4.3
NNE	• 3	• 5	1.9	. 3								2.0	7.8
NE	• 3	• ?	• 5						·	***		1.3	5.3
ENE	• 6							Γ	i i			• 6	2.3
E	• 7	. 3		_ :					i			• 5	4.3
383	• 3		• ?									1.3	3.5
SE	• 3	• 3	• 3									1.4	4.2
SSE	1.5	1.3	• 2									3 • G	3.4
S	2.4	5.6	4.5	1.4				1				13.9	6.3
ssw .	2.4	5.8	ó • 1	1.1				I			_	15.3	6.7
SW	1 • 3	3.0	4.7	1.9	• 5		• ~	1		1		ا <u>د و ا</u>	5 . 5
wsw	· 5	1.4	5.0	3.8	. 8	• ?	• 2					11.8	10.5
w	• 5	1.1	2.4	1.8	• 3			• ?				5.4	16.5
WNW	. 5	• 5	• 5	. 5					!			2.1	7 • 2
NW	. 6	. 3	1.0	• 5					<u>, , , , , , , , , , , , , , , , , , , </u>			2.4	7.3
NNW	1.6	1.	1.0	i				1	1	•		3.5	4.5
VARBL	·			• 5								• 5	15.3
CALM	≥ 1	><	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$					20.1	
	15.7	22.7	27.5	11.8	1.6	•2	. 3	.2	{	Ĭ		100.3	5 , c

TOTAL NUMBER OF OBSERVATIONS 026

USAFETAC FORM 58-5 OL-4: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

BUTTAL CLIMATOLOGY BRANCH UTAFETAC ATH #FATHTE SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FILDA AAF OL	73-81		ass
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1730-1400
		CLASS		HOURS ((S T)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
7	5	• =	.6					L				1.6	5.4
NNE		• 5	1.6	• 2								2.9	0.0
NE		1.0						1				1.6	b • '
ENE	• ?	• 5	• 5						1			1.1	٥.
_ ŧ		?	• 2									• 5	5.
ESE		- -	• 7							•		• 3	9.
SE		3	• 2								•	1.1	4.
SSE			_ • 6					1	•			1.8	5.
. 5	1.5	3.4		2.1							•	11.3	7.
\$5W	1.9	5 • 3										14.2	6.
. sw	1.1	3.7		3.4	. 5		· •		[1 - 4	٥.
wsw	• b	2.4		5.3	_ 5		; •		i 			13.3	9.
w	1.1	1.7		2.1	1.0		i •					3 • 4	9.
WNW	. 5	• 3	1.0		. 5			·				2.5	9.
NW	. 5	1.7	1.1	1.0	. 2	i	<u> </u>	1				3.7	ð.
NNW	. 3	1.5		. 2		· !	!		t. == : -			2.8	4.
VARBL	L		. 5	• 5					Ĺ			1.3	11.
CALM		$\geq \leq$	><	><	$\geq \leq$	$\geq \leq$						17.3	
	:0.7	22.8	29.8	16.7	2.6	• 7				}		100.0	6.

TOTAL NUMBER OF OBSERVATIONS 618

USAFETAC FORM 0-8-5 : OL-A PREVIOUS EDITIONS OF THIS FORM ARE COSCIETE

BL FAL CLIMATOLOGY BRANCH Unifflitad Alf Afather Service/Mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 . 44 *	FOLDA AAF UL	73-81	ĐEC
BOITATE	STATION NAME	7[125	MONTH
		ALL WEATHER	1530-1700
		CLASS	HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	. 4	• 3	. 4					1				1.7	5.6
NNE	• 4	1.9										3.8	6 • 3
NE	. 4	• 9	• 2									1.3	4 . 3
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TOTAL NUMBER OF OBSERVATIONS

 $\begin{array}{ll} \text{USAFETAC} & \text{FORM} \\ \text{JUL} & \text{44} & \text{9-8-5} & (\text{OL} + \alpha) & \text{PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE} \end{array}$

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)							VIS	BILITY (SI	ATUTE MI	LESI						
(FEET)	≥ 10	59	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥1%	≥1%	≥ 1	≥ %	≥ %	≥ y,	≥ 5/16	> y ₄	≥ 0
NO CEILING										\leq						
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000														}		
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 300																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 . For instance, from the table: Ceiling ≥ 1500 feet = 92.6%. Ceiling ≥ 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently or ceilings on bottom line opposite ≥ 0 . From the table: Visibility ≥ 3 miles = 95.4%. Visibility ≥ 2 miles = 96.9%. Visibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet

and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling ≤ 500 feet and/or visibility ≤ 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the night set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but \leq 3 miles; or ceiling \geq 500 feet, but \leq 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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TOTAL NUMBER OF OBSERVATIONS ______

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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		47.5	61.5	63.7	36.0	97.7	91.1	92.5	95.3	96.7	97.1	97.3	97.3	97.4	97.0	90.0	∓ ÷ "
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TOTAL NUMBER OF OBSERVATIONS _______

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

A MANUAL TIMES TO SAME TO SAME TO SAME PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

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TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GE HAE SETMATHERLY (PANCH UTAFLITAS ato AFATHER SERVICOZMAS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

1 TAMES FULL AND STATES AND NAME TO STATES NAME TO STATES NAME

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0+14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TERRE CETMATCENOR - ASSOMI U STELTAC ASSOCIATA S STEVES //45

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

	. 4 .							, i 4 <u>(</u>	gruin St A	ture while	ς.						
	• • •	: -:	20	> 5	2.4		21.	2.	2	214	21		? .	:	25 16	• •	
	F		75.3		-							30.7 46.2				14.6°	7.
•			*: **	4 .	43.4	45.3	45.3	45.4	46.5	47.0	47.5	47.	47.5	47.5	u 🤻 👢	4 . 7	• •
•	1	155.V	76.1 77.2	4 .	44.2	9 · • 2	45.2	47.3	47.3	49.1	4 - 4	!.	4	48.5	63.3	- 7 . 7	
	•	5.	1:.7	47.1	46.5	48.7	48.7	9-		5 .0	*1.*	1.	1.3 FJ.	1.4		3.1	. 4
	•	7.1		44.4	50.3	53.5	53.5	54.7	=	55.	53.4		50.7	5 *	57.6	39.	•
	56 V	y	41.5 41.5	46.5	1.0	14.4		55.8	56.0		F - 2	56.4	. 5	5 : 3	2 · • 1	30,6°	
	1		43.8	43.5	56.2	39.7	57.1	57.5	51.3 53.0				63.6 65.6.		65.	.6.7	5.1 5.7.2
		7.	47.2	5'.	5 . 9	54.3	64.2	o5⋅3.	67.2	53.	69.1	2.	1.3.4	b7.7	73.7	74	
		79.1	E1.5	5 3 . 5	67.2	7 . 7	. 3	72.0	74.	74.7	76.	76.0	73	75.7		77.4	•
	•	5 · 5		67.1	71.0	75.6	73.9	77.6	79	ਰ `• 1	a1.2		31.5	61.7		57.6 55.6	- ن و آ ان و ان ا
		7: • 1 34 • 3	55.5	63.9 64.	76 • 41	37.9	91.2	33.4	25.6	26.5	a6.3	58 • T	33.5	48.3	P 9 . 1	35.4	22.5
	y d		55.7 55.7									97.5 91.0				+1.4 93.1	93.1
	• ,	35.3		64.7								92.1				93.4 94.2	≎4.√ €5.6.
	4			64.7												75.7 96.4	7.2
	69 .73	34.3	55.7	64.7	73.1	57.0	24.4	37.7	90.5	92.3	94.6	94.8	95.	95.3	95.5	95.4 95.4	
				64.7					1							96.4 35.71	

USAF ETAC 04 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

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USAF ETAC 0-14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AND CLIMATING CASCA

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

USAF ETAC A 0-14-5 (OL A) MERVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE STATE OF THE S

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

TOTAL NUMBER OF OBSERVATIONS

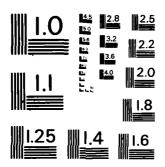
USAF ETAC ... 0-14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

A CONTRACTOR OF THE SECOND STATES

THE SECOND OF MEMORIAL

A PRINCE TO A A A A STATE NAME

AD-A128 123	SURFACE WEATHE	GERMANY REVISED U R OBSERVA(U) AIR ICATIONS CENTER SC /010 SBI-AD-E850 3	FORCE ENVIRONMENTAL	2/2 NI



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS -1963 - A

BLR-AL CLIMATOLOGY BRANCH BIAFCTAC ALE WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 445 FULDA AAF UL PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEG NO							VIS	BILITY STA	ATUTE MILI	ES.						
166.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 7	≥1:	≥'.	≥,	2 .	≥.	≥ .	≥5 16	٠.	≥ .
NO CEL NO 1 20000		17.6								32.9 37.2					33.4 38.7	
≥ 18000 ≥ 6000	15.9 16.7	23.4	25.5 25.6	31 • 1 31 • 3						37.2 37.3			37.7 37.9.	37.8 38.7	39.7	74.9
2 14000 2 17000		23.7		31.7	33.8					3€. 38.3			38.5 38.8	33.5	39.1 39.4.	19.1 .29.2
± 100000 ≥ 20000	18.3			37.2	39.3	39.6	42.7		42.6	43.6		43.9	41.5 44.1	44.2.	47.1	42.5 <u>+42.5</u>
2 8300 2 1000	22.3	28.7 30.3	37.2	45.4	47.8	48.2	49.5	51.4	51.3	50.6 53.0		53.5		54.2	52.4 54.8.	<u>cs. 7</u>
5,000	25.3	33.7	37.7 <u>40.7</u>	45.8 51.0	52.4	52.9	54.2	56.1	56.6	53.5 57.7	57.9	58.2	54.2 59.3	£8.8	55.3 59.5.	592.
* 4500 * 4000 *	78.4	35.3	45.2	55.8		59.3	67.6	63.0	<u> که 3 ه</u>	61.1	54.7	65.1.	بكمكم	65.7	62.3 - <u>66.3</u> ,	46.0
	33.7	44.7 44.9 47.0	5.1.	59.6 64.4	67.3	68.1	72.0	72.6	73.1	59.2 74.7 77.4	74.5.		75.3,	75.1,	71.0 76.5.	77.3
2 8.8	36.9	50.2	53.5	71.3	73.9	74.7	76.8	79.5	82.1	83.3	32.5.	82.9 93.8	63.J.	13.8.	84.5. 85.4!	34.3.
= 15.8 = 200	39.6		63.4	74.8	73.2	79.3	31.4	94.1	84.8	87	57.2		87.7	88.5.	89.1	39 E.
* 1000 900	39.3	53.8	62.5	77.9	31.9	82.7	85.4	38.9	59.	91.8	92.	92.3	97.5	93.3	93.0	94.4
2 Buc - 700	39 .3	53.8 53.8	62.5	78.2	82.4	53.2	85.9	89.7	97.4	92.8 93.6	92.9	93.3	93.4	94.2	- ,	95.4
2 600	39.3 39.3	53.8 53.8			83.7					93.9 93.9					96.2	
300 2 200	39.3	53.8 53.8	62.5	78.5	83.0	83.8	86.9	95.9	91.	93.9 94.1	94.2	94.6	94.9	96.0	97.7	97.8
	39.3		62.5	78.5	83.0	- 1	86.9	93.9	91.5	94.1	94.2	94.6	94.9	96.	97.3	99.7
	39.3	<u> 53.8,</u>	62.5	<u>78 • 5i</u>	83.7	8 5 . 8	36.9	90.9	91.5	94.1	94.21	94 a 61	94.9	96.	97.31	لتعقب

USAF ETAC 4 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

ULIPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 Eth N U							viS	BILITY STA	TUTE MILE	:5						
*667	≥10	≥6	≥5	≥ 4	≥ 3	≥2:	≥ ?	≥1;	≥1.	≥1	≥ •	2	≥ :	≥ 5 16	2.	ي ج
NO CEUNIO 20000			2°.∵ 34.7		31.9 33.5	i		32.3 38.9		_		-		32.4 29.5	32.4	72.4
≥ 18000 ≥ 15000	26.1 25.3				38.5 39.6			38.9 39.0		•	39.7		39.7	39.0 39.2	39.7	79.7
≥ 14000 ± 12000	26.4		35.2	38.6	38.7 39.0	39.0	39.3	39.5	30.5	39.6		37.6	39.5	39.3 39.5.	39.5	79.1 33.5
2 10000 2 900k		37.6	39.5	43.8		44.3	44.5		44.8	44.9	43.9	44.9	43.9 44.9.	94.3.		44.9
2 8000 2 7000 2 6000	32.5	43.J	45.2 45.2	50 . 4		51.4	51.6	51.8 51.8	51.9	51.9		51.9, 51.3	5 - 6 51 - 9,	51.9	51.2	53.6 <u>11.3</u>
5000 5000	33.7	44.3	45.6	52.7	53.7 56.7	53.7	53.9	54.1	54.1	54.2	54.2	£4.2.	51.9° 54.2 57.5	54.2	51.9 <u>54.2.</u>	54.2 57.5
2 1500		52.5	54.5	61.5	62:7	62.7	63.3		63.5		03.7	53.7.	63.7	63.7	63.7. 72.	
2 3000 - 2500	52.2	67.9	71.	79.5	81.1	81.1	31.6	91.9	81.9	82.1	82.1	82.1.	82.1. 85.5	32.1	22.1.	
5000	50.5 57.1				89.5 97.4										91.4	
2 1500 2 200	+		80.3 80.4		93.1 94.8			94.5 96.5				97.	95.3		97.	27.
± 1900	58.7	77.0	81.1	93.7	96.3	96.4	97.8	98.4 98.6	98.7	99.3	99.3	99.3		99.4	99.4	99.4
2 800 2 700 2 600	58.3	77.0	81.1		96.3	96.4	97.8		98.7	99.3		99.3	99.4		99.4	
5.00 2.400	58.7	77.3	81.1	93.7	96.3	96.4	98.7		98.9	99.4	99.4	99.4	99.6		99.4 99.4	99.6
2 300 2 200	53.7	77.0 77.0 77.3	81.1	93.7	96.3 96.3	96.4	98.0	98.7	98.9	99.7	99.7	99.7	99.9	100.n	99.7	20.2
		77.5	81.1	93.7	96.3	96.4	98.0	98.7	78.9	99.7	99.7	99.7	99.9	1.3.0	70.71 107.71	

TOTAL NUMBER OF OBSERVATIONS 697

LISAF FTAC (In 14.5 (O) A) assumes anything on this area, and controls

GLIBAL CLIMATOLOGY BRANCH USAFETAC AIS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CETING							VIS	BILITY STA	ATUTE MILI	£5						
· FET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥ 1:	≥1.	≥1	2 •	≥ •	2	≥5 16	2.	2 ∨
NO / ENING ≥ 20000	23.7	28.4 34.2	29.5 34.4	78 • 8 34 • 9	29.2 35.2	29.2 35.2	29.2		29 • ? 35 • ?	29.2 35.2	29.5	29.2 35.2	29.2 35.2	20.7 35.7	27.2	35.5
≥ 18000 ≥ 18000	27.9	34.4 34.4		35 • 0 35 • 0	35.3 35.3	35.3 35.3	35.3 35.3	35.3 35.3	35.3	35.3	35.3 35.3	35.3 35.3	35.3 35.3	35 • 3' 35 • 3	35.1 35.1	75.3
≥ 14000 ≥ 12000	29.2 28.4		35.	35.5	35.8	35.3	35 . B	35.6	35.7 35.5	35.8	35.7 35.8	75.7 35.8	35.7 35.8	35•7 . <u>75•8</u> ,	35.7 -35.3.	35.7 . <u>35.3</u>
± 10000 ≥ 9000	30.6	39.6		41.2	33.7 41.5	33.7 41.5	41.7	41.8	39.~ 41.8		30.~. 41.5.	39.3 41.8	39.7 8.14	39.7 <u>المعالف</u>	41.2.	19.1 41.2
2 9000 2 1000 	35.2 35.6 36.9	46.3	45.3 45.9 47.2	48.3	49.7		49.8	47.4 49.3	49.	49.	47.4	47.4 49.3	47.4	47.4	47.4 49.	42.
\$000 4500	39.9 39.5	47.8		52.3	52.6	52.6 57.5	52.8	52.9	52.3 57.8	52.9	52.9		52.9 57.8	52.9		52.2.
* 4000 * 1500	58.9	61.8	62.6 73.5	65.5	65.9		56.1		66.2	56.2	66.2	56.2 77.3	26.2	66.2	66.2. 77.7	Eba2
2 FNA 2 SOC	67.5	83.4			89.2 91.1			_		89.5 91.4		91.4		89.5. 91.4	87.5 71.4	
2006 2 800 2 500		86.8	88.4	- 1	94.1	94.1		95.6	95.6		95.6	95.6			95.6	
: (200 : 000	69.7 69.7	38.3	89.9	95.6	97.0	97.3	97.9	98.4		98.4	98.4		98.4	99.4		98.4
yiyi ≥ Buc	79.1	98.4	91.3	96.7	97.6 97.8 97.8	97.8		99.4	99.5	99.5	99.5		99.5	99.5		99.5
700 2 600	70.0	38.4	97.3	96.8	97.9	97.9	99.7	99.5	99.7		99.7	99.7	99.7	99.7	99.7	99.7
500 3 400	77.0 70.0	88.4	90.3	96.6	99.3	98.3 98.3	99.4	1	100.0	100.0	130.5	177.0	107.0		ם.מכו	100.0
± 30€ ± 200 ±	73.0 72.0	88.4	97.3	96.6		98.3	99.4	99.8	100.0	196.0	120.0	100.5	100.0	100.0	ומיבו	اعمعتا
·	73.3		97.3	1	98.3		99.4 99.4			100.0				100.00 100.00		100.7

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBIGIETE

SLOPAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5445 FULDA AAF GL 73-31

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 0-1711 3508 15711

f t Nov	VISIBILITY STATUTE MILES
1882	210 26 25 24 23 22 27 21 21 21 2 2 25 6 2 25
NS €EUNG + 20000	21.2 26.6 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1
≥ 18000 3 16000	29.0 35.1 35.6 37.4 37.4 37.4 37.4 77.4 37.4 37.4 37.4
≥ 14000 2 7000	30.1 37.2 37.7 38.5 38.5 35.5 38.5 38.5 38.5 38.5 38.5
≥ 10KK/C ≥ PUPC	34.0 41.1 41.6 42.6 42.6 42.6 42.6 42.6 42.6 42.6 42
9(n)r 7 x x y	42.4 50.7 51.3 53.0 53.0 53.0 53.0 53.0 53.0 53.0 53
≥ 6000 ≥ 5000	44.3 54.5 55.0 56.9 57.1 57.1 57.1 57.1 57.1 57.1 57.1 57.1
* 4500 * 4000	51.9 63.4 64.7 66.4 66.5 66.5 66.5 66.5 66.5 66.5 66.5
2 1500 2 1100	54.7 82.7 87. 84.4 84.9 84.9 84.9 84.9 84.9 85.1 65.1 85.1 85.1 85.1 85.1 85.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 6
2000 2000	59. 1 97. 7 89. 6 93. 3 93. 9 93. 9 93. 9 93. 9 93. 9 94. 1
3 500 3 500	69.7 88.7 90.7 95.7 96.3 96.3 96.3 96.3 96.3 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5
2 200 2 000 2 000	59.7 88.8 91.6 97.8 98.5 98.5 98.5 98.7 98.7 98.9 98.9 98.9 98.9 98.9 98.9
± 80°	69.7 88.8 92.1 98.3 99.3 99.3 99.6 99.8100.0100.0100.0100.0100.0100.0100.01
500	67.7 88.8 97.7 98.3 99.3 99.3 99.6 99.8 100.01.00.00
± 400	69.7 88.8 92.7 98.3 99.3 99.3 99.6 99.8 10.0100.0100.0100.0100.0100.0100.0100
200	69.7 88.8 92.7 98.3 99.3 99.3 99.6 99.8 00.0100.0100.0100.0100.0100.0100.0100
·	69.7 88.8 92.7 98.3 99.3 99.3 99.3 99.6 99.8173.5100.0100.7100.7100.7100.7

DTAL NUMBER OF OBSERVATIONS______53

USAF ETAC 0-14-5 (OL A) PREVIOUS PORTIONS OF THIS FORM ARE OBSOLET

GLOBAL GLIMATOLOGY PRANCH USAFETAG AIP WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

1 44E FULCA AAF UL

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_520+1622

· E'. NO	VISIBILITY STATUTE MILES															
FEE.	≥10 .	≥6	≥ 5	≥4	≥ 3	≥2. !	≥ 2	≥) :	≥1.	≥1	≥ .	2,	. ≥ :	≥5 16	≥ .	24
N/TO ("EILING ± 20000			19.0 23.1	21.4	1			- 1	1	26.6 33.3				27.4	27.4	36.2
2 1800C 5000C	1		23.1		29.2		30.5			33.3 33.3	34.C	34.1 34.1	34.4	34.4	34.8 34.8	36.2
≥ 14000 ≥ 1000	13.6	22.3	23.4		29.5	29.5	30.8 32.4	!	32.0 34.8	33.7 35.6	34,3		,	34.8		76.7 35.5
≥ 10000 ≥ 10000	15.3		27.7		35.1	35.1	36.4	38.1	38.9	37.6 39.7	42.4	45.5	47.8		39.1 41.1.	41.7 43.1
2 8000 2 7000	17.7		32.7	38.8	35.6	38.8	42.7	45.1	45.3		47.7	47.3	48.2	43.2	45.3	47.2
2 6000 2 5000 2 4500	21.2	32.9	37.5	43.9	46.4	46.6		50.4	51.5	52.6	48.8 53.4	49.0 53.6	\$3.9	53.9	47.6 54.2.	51.5 50.1
± 4000 ± 3500	25.5	39.4	39.6 44.	51.2	54.2	54.4	50.6 56.1 59.6	58.7	59.8		56.1 61.9	62.C	62.4	56.6 62.4	50.4 66.5	54.9 54.3
2 600	28.9	45.1	51.	67.1	- 1	64.1	68.6	68.7	69.9	71.5	71.0	72.2	72.6		72.5.	75.3
2006	37.9		57.3	67.3	71.6	71.9	74.5	77.0	78.1 78.6	79.3	80.2	8 5	87.9		51.5.	*3.9
200	+	53.6		71.6	76.6 79.1		79.4 81.0			85.2	86.1	88.4		86.9	37.4	
900	+		64.	75.9	85.4	81.8	84.5	88.4	89.6	90.7	91.7	92.3	92.3	92.5	37.1	95.1
2 800 2 700 2 600	34.1	55.2	64.1	76.2	81.7	82.1	85.7	89.0	90.7		92.3	92.7	93.0	92.5	93.9	95.7
5.30 2 400	34.1	55.2	64.1	76.2 76.2 76.2	81.8	82.6	85.3	90.0	91.2		93.5	93.8	94.3	94.4	95.1	97.7
2 30x 2 200	34.1	55.2	64.1	76.2	82.0 82.3 82.3	82.9	86.0	90.6	91.9	93.5	94.4	94.7	95.2	95.9	96.5	:
<u> </u>	34.1	55.2	64.1	76.2	82.3	82.9	86.0	90.6	91.9	93.5	94.4	94.7	95.2	95.9	96.7	99.7

TAL NUMBER OF OBSERVATIONS _______ 527

GLOBAL CLIMATOLOGY BRANCH ULIMETAC AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 1445 FULDA AAF OL STATION NAME

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_2_2-2,12.

CEILING .							V15	IBILITY ST.	ATUTE MIL	ES						
FEE"	≥10	≥6	≥ 5	≥ 4	≥3	≥2:	≥ 2	≥::	≥1.	۱ خ	≥ 4	≥ .	2	≥5 16	2 •	≥0
NO CEILING :	15.5	22.5		28•7 35•3	29.0 35.3	29.0 35.3				29.3 35.6	1	29.3 35.6		29.3 35.6	_ 1	73.6
≥ 18000 ≥ 5000	23.6	28.0 28.0	29.4 29.4	35.1 35.1	35.4 35.4	- 1 1 1	35.4 35.4		35.7 35.7	35.7 35.7	1				35.7 35.7	75.7 75.7
≥ 14000 ± 12000	21.2 72.3	30.4	31.6		38.2	38.2	38.2	36.5	39.5		38.5	35.5	33.5	38.5.	36.5 38.5	3a.5.
± 1000€ ≥ 9000 	24 • 3 25 • 9	34.9		43.1	43.5	43.5	43.5	43.8	43.8	41.7 43.8	43.8	43.8	43.8	43.5	43.E.	بشمكك
2 1000 2 1000	28.5	39.1	39.5 40.6	48.7	49.1	49.1		49.4	49.4		49.4		49.4	49.4		
± 5006 ± 4500	33.2	-	46.7		50.1 55.2 59.9	55.2		55.5	55.5	50.3 55.5 59.1	55.5		55.5	. •		
± 4000 	38.2	47.3 51.9 57.2	_53.1	52.6	63.2	63.2	63.2	63.5	63.5		63.5	63.6	63.6	59•1 .63•6, 13•4	<u>03.5.</u>	53.1 . 53.6 .71.4
± 2500 ± 2500 ± 2500	50.7	66.5 69.5	69.3	30.5	81.0	81.3	81.0	81.5	81.5	1	81.5	81.6	81.6	£1.6,	34.9	بكملك
2000 		72.0		36.9	87.7	87.7	87.7	88.1	88.1	,	38.1	86.3	88.3	بتعظف	89.3	28.3
2 1500 2 1200	55.4 55.5	74.8		9C • 4			92.1	92.5		92.7		92.9	92.9	92.9.	92.9	97.9
÷ 1000	55.9 56.1	76.3		93.7 94.4			95.8 96.5	96.2 96.9		96.5 97.2					96.7	
≥ 800 ≥ 700	56.1 56.1	76.4 76.6		94.8					97.6 98.3	97.9 98.7					98.9	
≥ 600 ≥ 500 ≥ 400	56.1	76.6	81.2	95.7	97.4	97.9	98.0	98.7	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6
2 300 ≥ 200	56.1		81.2	95.7	97.4	97.9	98.2	98.9	99.7	99.9	99.9	172.0	100.0	100.0	103.7	100.3
- 00 ≥ 0				95.7	97.4	97.9	98.2	98.9	99.0	99.9 99.9	99.9	170.0	150.0	120.7	107.7	10.0

NUMBER OF ORSERVATIONS 713

USAF ETAC 10-04 0-14-5 (O.E. A.) MENOUS EDITIONS OF THIS FORM ARE ORBIGING

SECRAL CLIMATOLOGY BRANCH USAFETAC ATE LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FULDA AAF OL 73-91

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

LEN NO							VIS	BILITY ST	TUTE MIL	ES						
	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥: .	≥1.	_ ≥1	2 4	2 1	2	25 16	2.	21
NO CEUNG 20000	2.3.3 25.3	25.6 31.8		27.8				27.8 34.3	-		-	27.8		27.3	27.9	77.9
2 18000 2 5000	25.4	32.2	33.2	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7			74.7
≥ '\$0%0 ± ',000	25.6	32.4	33.3	34.9	34.9	34.9	34.9	34.9	34.0	34.9	34.9	34.9	34.9	34.0	34.9	34.5
= 1000 =	29.5	37.2	39.1		39.7	39.7		39.7	39.7	39.7	39.7	39.7	39.7	39.7	37.7	79.7
- 9:00 - 7:00	34.7 36.0	, , ,		46.8 48.5	46.8	,	:	46.8		46.8	,	45.9.	46.8	46.8	46.8	40.5
6000 5000	35.3 41.1	45.7 51.5	1	49.8 54.6				48.8			-	48.0		48.5	49.9	40.2
4500 2 4000		64.2		57.8	67.6			60.9 68.5				60.9 68.5		60.9 68.5	69.5	63.5
2 1506 2 006	65.4	73.2 82.9	84.8	37.1	87.4	87.4	39.1		88.2		88.2	88.2	88.2		77.5	77.5 56.1
2000 2000	68.1		89.6		93.3	93.3	94.3	91.9	94.1	94.1	94.1	91.9	91.9	91.9	71.9	
5.4	69.3		91.8	95.8	96.3	96.3	96.9	97.1	97.1	97.1	97.1		97.1		97.1	97.1
2 000	73.4	90.9	93.8	98.4	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.4	79.
2 800			93.8	98.6 98.6	99.1	99.1	99.7	99.8	99.8	99.8	99.3	99.8	99.8	99.8	99.8	
≥ 600 ≥ 500	73.4	91.3	94.7	78.8	99.2	99.2	99.8	100.0	co.n	120.ch	tae.ob	33.5	lag.ob	co.ob	00.70 10.01 20.02	20 • Di
2 400	73.4	91.3	94.0		99.2	99.2	99.8	100.0	00.0	190.00	loo.ch	<u>no.t</u>	10.00	լոց. դի		10.0
2 200 3 30		91.3	94.1	98.8	99.2	99.2	99.8	170.01	00.0	100.0	וֹר. רַנוּטוּ	أد ووي	122.0	looh	<u> </u>	<u> 10. T'</u>
	77.4	91.3	94.												7.0	

USAF ETAC 100 0-14-5 (OL A) regulous spirious of this folial age desouts

SESSAL CLIMATOLOGY BRANCH SUSFETAS ALE MEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

1 5445 FULCA AAF DL STATION NAME

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.7-1700

CEILNG	VISIBILITY STATUTE MILES
· EE.	210 26 25 24 23 22. 27 21: 21: 21: 2: 2: 25:6 2. 20
NO CEUNG ≥ 20000	23.7 29.7 37.7 70.3 30.3 70.3 30.3 30.3 30.3 30
≥ 18000 ≥ 16000	31.4 39.1 30.7 39.7 39.7 39.7 39.7 39.7 39.7 39.7 39
≥ 14000 ≥ .2000	31.8 39.5 47.2 48.6 47.6 48.6 48.6 49.6 49.6 46.6 46.6 47.6 49.6 49.6 48.6 48.6 48.6 48.6 48.6 48.6 48.6 48
3 8000 3 10000 3 10000	34.4 42.9 47.8 44.2 44.2 44.2 44.2 44.2 44.2 44.2 44
2 8000 2 7000	40.6 51.7 52.6 53.6 53.6 53.6 53.6 53.6 53.6 53.6 53
2 6000 5 5000	43.2 55.3 55.2 57.1 57.1 57.1 57.1 57.1 57.1 57.1 57.1
1 4000	51.9 65.8 67.3 68.2 68.2 68.2 68.2 68.2 68.2 68.2 68.2
2 1100 2 7500	69.6 88.2 89.8 91.0 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2
27000	70.5 91.5 94.0 96.6 96.6 96.8 96.8 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0
2 200	71.2 92.7 95.1 97.9 97.9 98.1 98.1 98.3 98.3 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5
2 000 2 800	72.1 93.4 95.9 99.2 99.2 99.4 99.4 99.6 99.6 99.8 99.8 99.8 99.8 99.8 99.8
: 700 : 800	72-7 93-4 95-9 99-2 99-2 99-4 99-4 99-6 99-6 99-8 99-8 99-8 99-8 99-8 99-8
: 500 2 400	72.0 93.4 95.9 99.2 99.2 99.4 99.6 99.8 99.8 99.8 00.00 00.0
2 300 2 200	72-0 93-4 95-9 99-2 99-4 99-6 99-8 99-91-00-01
, , , , , , , , , , , , , , , , , , ,	72.3 93.4 95.9 99.2 99.2 99.4 99.6 99.8 99.8100.0100.1100.0100.0100.0100.0100.01

TOTAL NUMBER OF OBSERVATIONS_

532

USAF FTAC - 0-14-5 (OL A) PREVIOUS POLITIONS OF THIS FORM ARE ORIGINAL

GLOPAL CLIMATELOCY RRANCH LIFETAC ATE WEATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

1 1.45 FULCA AAF UL STEPOL NAME PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

VISIBALTY STATUTE MILES 12.1 17.9 21.1 26.3 26.8 27.3 27.9 79.5 30.7 30.7 30.7 31.1 31.1 31.7 37.5 74. 14.7 71.4 25. 1 31.9 32.6 13.1 33.8 35.5 36.7 37.4 37.4 37.7 37.7 33.4 14.7 21.7 29.4 32.3 33.1 33.0 34.3 36.0 36.8 37.9 37.9 37.2 39.2 39.8 30.6 42.5 14.7 21.7 25.5 32.5 33.2 33.8 34.4 36.1 36.9 36.6 38.7 38.4 33.4 39.7 39.2 4 2 4 5.1 22.7 25.7 32.5 33.9 34.4 35.7 36.8 37.6 38.7 38.7 39.8 32.7 39.6 47.4 42.3 45.4 22.5 25.6 33.6 34.9 35.3 36.7 37.7 38.7 29.8 39.8 47.1 47.1 47.7 41.7 44.1 12.9 23.1 27.3 35.0 36.6 37.1 37.9 39.6 47.7 42.7 42.7 42.3 42.3 42.3 47.3 44.4 46.5 10.1 23.6 23.1 35.6 37.4 37.7 38.8 42.7 41.7 42.9 42.9 47.3 43.7 44.2 45.7 47.7 17.9 25.6 31.4 45.3 42.3 43.1 44.4 46.6 43.2 57.4 50.4 57.7 57.7 52.7 57.1 55.7 13.2 27.2 37.6 42.6 44.4 45.2 46.6 48.8 57.4 52.6 52.6 52.9 52.9 54.2 55.7 57.7 17.7 25.4 33.1 42.5 45.8 45.8 47.2 49.4 51.0 53.2 53.2 53.6 53.6 54.6 55.2 56.7 19.2 23-4, 33-1, 42-9, 45-5, 46-3, 47-7, 50-2, 51-3, 54-0, 54-0, 54-4, 54-4, 55-6, 36-7, 59-1 19.2 25.4 33.8 43.9 46.4 47.2 49.0 51.7 53.2 55.5 55.5 55.8 55.9 57.1 21-2 30-7 36-1 47-2 49-8 54-6 52-3 55-2 56-9 59-1 59-1 59-4 57-4 67-7 01-5 (4-) 22.3 32.2 37.9 50.1 52.6 53.4 55.3 58.3 60.1 63.1 53.2 63.5 63.5 65.2 66.4 65.2 __ 23.2.34.2.40.9 54.2 57.1 5d. 30.2 63.4 65.1 68.6 69.1 69.4 69.4 77.8 72.3 74.6 25.4 36.3 42.3 55.6 58.6 59.7 62.1 65.3 67. 70.8 71.7 71.6 71.6 73.1 74.5 76.7 25.3 36.9 43.1 57.2 63.4 61.5 64.5 68.1 69.9 73.7 74.3 74.6 74.6 76.2 77.7 97. 25.9 37.1 43.4 57.5 62.7 61.8 54.8 68.6 77.4 74.2 74.8 75.1 75.1 76.7 79.1 20.5 20.3 37.9 44.4 59.4 62.9 64.3 67.5 72.1 74.2 78.1 78.5 79.1 79.1 87.7 82.1 64.5 26.1 37.9 44.4 60.1 63.7 65.0 68.8 73.9 75.9 80.0 80.7 91.7 31.7 82.6 84.7 86.4 56.4 70.4 75.6 77.8 82.3 82.9 83.2 83.2 83.2 64.8 86.2 98.6 26.1 75.7 45.2 61.8 65.6 66.9 70.8 76.1 78.3 82.7 87.4 83.7 83.7 85.3 36.7 89.1 26 1 38 1 45 5 62 8 66 6 67 8 71 9 77 5 79 7 84 84 9 95 3 35 3 66 5 88 3 90 6 25-1 36-0 45-5 62-8 66-6 67-8 71-9 77-5 79-7 84-3 84-9 85-3 85-3 86-9 88-7 90-6 26.3 38.3 45.5 62.8 65.6 67.8 72.1 77.7 79.9 84.6 55.3 95.6 85.6 87.2 98.7 91.1 26.1 38.3 45.5 62.8 66.6 67.8 72.3 77.8 87.2 84.8 85.4 85.7 85.9 88.7 89.5 92.2 26.1 38.3 45.5 62.8 66.6 67.8 72.3 77.8 87.2 84.8 85.6 35.9 85.1 88.3 97.0 93.7 26.1 38.0 45.5 62.8 66.6 67.8 72.3 77.8 80.0 84.8 85.6 85.9 86.1 88.9 91.7 95.4 26.1 38.0 45.5 62.8 66.6 67.8 72.3 77.8 80.0 84.8 85.6 85.9 86.1 88.9 91.8 97.9 26-7 38-7 45-5 62-8 56-6 67-8 72-3 77-8 80-0 34-8 85-6 85-9 85-1 89-4 92-91-0-1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBIGUETE

GLUTAL CLIMATOLOGY FRANCHUSAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

Eli Nelo				VISIBILITY	STATUTE MILES					
116.	≥10 ≥6	≥5 ≥4	≥3 ≥7.	≥2 , ≥1	31.	21 2.	2 . 2	≥5 '6	7.	21
20000	22.9 29.1									
2 1800C	27.4 35.7	39. 43.3	44.7 44.3	45.1 45.	4 45.7	45.9 45.9	45.9 45.	9 45.9	4=.0	45.5
2 14000	27.6 35.9	<u>38.1, 43.4.</u> 38.4 43.7	44.1 44.1	45.3 45.	6, 45.0°	46.3 46.3	47. 3 45.	7.46.2	46.7	
2 7000 2 1000G	23.5 37.7	47. 45.4	45.1 45.1	47.3 47.	6. 47.9	48.7. 48.7.	45.1.48.	<u> </u>	4 - 2	u <u>c</u>
≥ 900K	27.7 39.4	41.3 47.6	48.7, 45.7.	50.3 53.	4, 5~.7	50.9150.5	52.9.52.			1 (
# ROOF # 7000	32.5 43.4 33.7 44.9	47.0 55.1	55.4 55.7	58.4 59.	0:59.4	59.6, 59.6.	59.7.59.	7. 59 . 7.	50.7	79.7
5 5000	33.7 45.1 35.1 45.6	49.1 55.4	56.7 57.0	58.7 59.	3 59.7	59.9 59.9	5 . 50.	7 63.0	50.C	33.
* 4500 * 4.90	36.1 40.3	51.6 59.3	61.0 61.3	63.1 53.	7 64 . 1	54.5 64.3	64.4 64.	4 54.4	04.4	F 4
1500 1500	47.7 54.6	59. 66.7	69.4: 69.7	72.5 72.	9 73.3	73.6 73.6	73.7 73.	7 73.7	73.9	
	47.1 62.4	66.4 76.6	79.9 83.4	83.7 84.	3 84.9	85.1 35.1			57.4.	
.* 200 	49.6 65.9						9. 3 97		<u>47.6.</u>	3.
* * * * * * * * * * * * * * * * * * *	50 • 1, 66 • 9;	71 • 1, 3 • 4	37.3 23.3	90.7, 92.	4 97.3	93.7 93.7	93.4.93.	9. 93.9.	74.1	24.1
* ,c#	57.4 67.3 53.4 67.3	71.6 86.1	90.1 90.9	93.6 95.	3, 96 . 1	96.6 96.6	96.9 96.	9 96.9	97.1	97.1.
- 3// - 9/H	51.4 67.3	71.6 86.1	97.1 93.9	93.6 95. 93.7: 95.	3 96 • 1 °	96.6 96.6 96.7 96.7	96.9 96.	9 96.9	7.1 7.4	97.1
5 (X	57.4 57.3 50.4 67.3	71.6 36.4	9:-6 91.3	94.3 96.	1 97.	97.5 97.E	98.7 99.	0.93.	99.3	78.7
• •	50.4 67.3	71.6 36.4	97.6 91.3	74.3 96.	97.3	97.9 97.9	98.3 98.	3 98.3	98.7	25.7
30	57.4 67.3	71.6 36.4	93.6 91.3	94.3 96.	97.7	97.9 99.1	98.6 98.	7 98.9	99.7	99.6
100 100 100	57.4 57.3									
_ :	57.4 67.3									

OTAL MUMBER OF ORSERVATIONS 701

USAF ETAC 1384 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE ORSOLETE

SLIPAL CLIMATOLOGY BRANCH UCAFETAC ATE WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CETTNO							viSi	BILITY STA	ATUTE MILE	5						
.88.	≥ ; ¢	≥6	≥ 5	≥ 4	≥3	≥2.	≥ 2	≥.	≥1.	≥1	3 4 !	≥ .	2	≥5 '6	٠.	3.
NO CEUNG → 20000		33.7			34.8						34.9			34.4	34.3	
2 18000 2 6000	35.3	42.3	47.3	43.4	43.4		43.4	43.4	43.4	43.4	47.4	43.4	43.4	43.4	43.7	4.4 4.4 4.4 Z
2000 2000		42.6			1		44.0 45.7				44.7		44.7	44.7	44.7	44. ° 45. 7.
ું ૧મામા કુ જોઇમા		47.5									49.5			49.5	40.5 51.7	17.1 11.2
= 9500 	45.2 46.3		55.7	58.6	58.7	58.7	58.7	58.7	53.7	55.7.	57.41 58.7	52.7	58.7	58.7	-	د7.u تعددت
: 500k*	45.5	59.6	6 - 7	52.4	62.6	62.0	62.6	62.6	62.6	62.6	50.0	62.5	62.6	62.4	-0." -02.5.	-9. - <u>5.46</u> .
* 456 * 456 *	54.1	66.7	67.7	7:01	72	7:02		70.2	70.2	70.2	65.2 ₁	70.2	77.2	22.2	65.7 77.7	55.7 73.2
2 1800 2 1 KM - → 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	69.3	73.3	85.7	20.8	91.4	91.6	91.9	91.9	91.9	91.9	79.7	91.9	91.9	21.	91.3.	21.2.
7 - 2546 7 - 2646 	. 71.5	87.1	89.3	95.1	95.7	25.3	96.2	96.3	36.5	96.5	94.5	96.5	96.5	96.5,	26.5.	شمطف
5 Sep	_ 7.2 - 14	57.2	27.7	26.3	97.1	97.4	97.7	97.9	98.	98.0	96.5	93.0	99.	98	96. <u>78.</u> 30. 3	98.
3 0/k	72.4	38.3	92.5	98.3	99.1	39.4	99.7	99.8	130.0	LCO.C	100.00 100.00	22.5	150.0	100.00	<u> 160 - 24</u>	شفعت
* BC4	-	98.3	97.5	98.3	99.1	99.4	99.7	99.8	100.0	100.0	130.0	20.0	מ-מנו	100.0		شفنت
5 600 5 000	72.4	83.3		98.3	99.1	99.4	99.7	99.8	معتنا	100.0	ເມດ ດີໄ ເມດ ດີໄ	وعمم	100.0	100.0	Loo.es	شنعف
3 400		98.3		98.3	99.1	99.4	99.7	99.8	100.0	100.0	130.c) 130.c)	ات ع	ומיסמו	120.0		22.2
z 200. 	72.4	83.3									1 <u>00.0</u> 0				132.25 132.25	20.2
	72.4	88.3	97.5	98.3	99.1	99.4	99.7	99.8	100.0	100.0	1.10. 7	لعمدت	أمددينا	102.0	מם בכנו	أتعفت

USAF ETAC 1.00 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLIMAL CLIMATOLOSY BRANCH WIRELTAG AIR WEATHER BEFYICEMMAG

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

1 - 44 FILT LAAF JL 73-51

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 14 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

í

SECRAL CLIMATOLOGY BRANCH UNAFETAC AID WEATHIR SERVICENMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

USAF ETAC - 0-14-5 FOL AT MEVIOUS EDITIONS OF THIS FORM ARE DISOLETE

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GLIPAL CLIMATOLOCY BRANCH Unificac Alm Weather Service/Mac

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

E c Noo							v+\$6	BILLIY STA	TUTE MILE	5						
+EE	≥10 .	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥:	≥' •	۱ ج	2 .	2 ,	-	25 6	• •	
2000U										27.7						ا گممن
3 800f	16.5 17.1	22.4	24.1	3 . 3						76.6 76.8		76.8 36.9		30.2	77.3	
2 14,4€ 2 .⊍X		23.2 23.5						36.9 37.9		38.1 38.9	39.2 39.1,		37.2 29.1.	35.2 39.1.	30.5 33.9	73.5 29.44.
2 1 4 4 4 5 2 2 3 3 4 3	19.2	24.5 25.0	27.4	35.5	32.5	38.6	39.4.	41.1.	41.1.	42.3.				42.5.	41.1 47.8	-1.1 94.4
. # 196 	23.5	31.1.	34.	43.3	46.5.	45.8	47.9.	49.9.	49.9	49.5	51.5.	51.5.	43.6 51.5,	Slate		124 124 1
• 5/44 • (7/1) • (1/4)	ت	31.2	34.7 <u>36.7</u> 38.3	47-3	51.7	51.3	_52 .2 ;	54.6.	54.4		56.4.	52.2 56.94	52.2 55.4, 57.7	56.6	52.7 <u>56.9</u> ,	
TO BEHAVE	29.4	35.4 <u>32.â</u> 42.7	41.2	.54 . 7	55.4	53.9.	60.3	62.3	63.7	55.1. 70.8	55.2,	65.2	\$5.2.	55.4. 71.1	5.7.	<u> </u>
2 - 1 K/A 	34.5	47.8	51.2	67.2	71.6	72.2	73.6	76.5 79.5	76.0	79	79.1.	72.1.	75.1. 81.5	79.3,	.19.8.	£
e grav High	36.3	52.1						£2.5,			.5.2 5.6	85.2 85.5	35.2.	25.I.	<u>-5.8.</u>	Eu.i.
		53.5 53.9		74.5 75.7	8.06	81.5	83.7		87.7	89.5		89.6.		89.8		39.5
9: N		54.4		76.7	8 7 . 2	62.3	84.5	38.6	89.	91.2	91.5	91.5	91.5	91.5	92.3	92.5
· · · · · · · · · · · · · · · · · · ·	39.2	<u> </u>	59.1	76 • 7 76 • 7	87.2	93.D	34.7	88.7	89.3	91.5 92.0 92.1	92.3	92.3	92.3	92.6	37.	92.4 73.4
	<u>53.2</u> 53.2 5.81	54.4	53.				34.9		89.6	92.9			93.5		94.3	74.7 75.0
* 13	33.2	54.4	53.	76.0	82.4	93.2	35.7	89.3	97.1	93.7	94.1		94.5		75.7 26.2	76.9 27.a.d.
	35.2 39.2	54.4 54.4	50.0	76.8 76.8	32.4	33.2	35.7 85.2	99.3 89.3	9 - 1	93.8	94.3 94.4:	94.4	94.7 95.2	95.5 96.4	96.7	98.5

TOTAL MUMBER OF OBSERVATIONS

USAF ETAC 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOURTE

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GLIBAL CLIMATOLOGY EPANCH UCAFETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12,6-1971

VISIBILITY STATUTE MILES 20 20 20 24 27 21 22 21 21 21 21 21 22 25 27 22 29.2 37.2 39.4 42.7 43.2 43.2 43.2 43.2 43.2 43.7 43.2 47.2 47.2 47.2 43.2 43.2 47.2 43.2 41.4 53.4 55.7 57.) 75.3 79.1 91.1 92.9 93.1 93.4 93.7 93.7 93.9 93.2 93.9 97.9 93.2 97.0 97.2 97.2 97.2 97.3 79.6 97.4 94.4 94.4 94.4 94.4 94.4 94.4 75.3 70. 91.1 92.9 93.1 93.4 93.7 93.7 93.7 93.9 93.9 93.9 92.9 92.7 92.0 92.3 <u>| 58. } 75.9 81.4 95.4 97.7 98.0 98.7 99.5 99.5 100.0</u>

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC A. 0-14-5 (OL.A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LISTITAC AIS ACATHER SERVICTIMAC

CEILING VERSUS VISIBILITY

TENHE FULCA AAF OL STANDA HAMP

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

5.800							¥ (\$)	BIL TY 514	MILE MILE	•						
*66" "	≥10	≥ 6	2.5	2.4	23	≥?′	22	>	21.	3:	· ·	2 ·	·	25 6	······································	- / · · · · ·
*41 - 1 E (chick) + 2 Texno	22.2	28.9	29.4	32.0	32.2	32.2	37.2	32.2	32.7	32.2	32.2	32.2	32.2	32.7	37.7	77.2
2 8000 5/4%	29.4	75.4	39.3	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	47.1	47.1	42.1 42.1 42.1	4 1
: 14(NX)	29.4	30.4	39.5	42.1	42.3	42.3	42.3	42.3	42.3	42.3	47.3	42.3	47.3	42.3	47.3 47.3	4.7.7
_ 19.6.s	32.7	41.9	43.0	46.0	46.7	45.7	46.7	45.7	46.7	46.7	46.7	46.7	46.7	46.7	44.7 44.7	45.7
- 8 di	33.5	50 . 1	51.4	55.7	55.9	55.9	55.9	55.9	55.0	56.1	55.1	56.1	56.1	56.1	56.1	E &
5 (VG	41.3	54.1	55.7	59.6	59.8	57.8	59.8	60.J	5 T • C	60.1	67.1	53.1	6 . 1	60.1	57.1 64.7.	4 . 1
* 45(9)	47.1 53.3	6:.5 53.4	67.2	73.2	73.6	67.6	67.6 73.6	67.81 73.7	67.9: 73.7:	68.3	68.0 73.2	63.3 73.9	68.7 73.7	65.1	58.0 73.9.	55.°
→ Com → × × × × × × × × × × × × × × × × × × ×	55.7 -52.4	73.61 77.51	75.4	31.9	82.3 91.1	91.1	82.7	82.9 91.6	87.0	83.1 ₁	63.1 92.4.	92.4	63.1 32.4.	83.1 92.4.	93.1	63.1 62.4
24 A	01.1 <u>2.1</u> 2	31.4	84.5	92.4	93.7	93.7 95.7	94.0	94.2	94.2	95.0	95.0	95.	95.7	95.7	95.7	97.5
***	52.1	32.5	<u>85.5</u>	25 J.	97.0	97.2	97.6	97.8	97.3	98.5	98.5	93.5.	98.5	98.5.	97.2	78.5.
7 291 914 - — — → 999	المعاشف	82.5	85 .8	96.8	95.1	90.3	73.9	99.5	99.31	شعده	باعمضا	na ah	מכיים מי	بعلامت	99.4	na.//.
8.4	5201	52.5	85.8	96.8	98.1	93.3	39.9	99.3	99.31	20.01	מם. בנ	בים בים	ور مان مان	מם. מם.		רבתה
501 	لمعتق	92.5	85.8	96.8	98.1	93.3	99.9	39.3	99. 31	00.01	10.01	no anh	en.ob	20.00	07.0 <u>1</u>	00.00
- : 40°C	62.7	82.5	85.5	76 . 5	98.1	99.3	98.9	99.3	99.31	70.0h	32.31	oo. wh	מביכנ	.ca. ca	50.71 20.01	CC_2
	62.7	82.5	85.3	96.8	95.1	98.3	98.9	99.3	99.31	20.20	30.C1	בופ . סב	מכ. כב	.co.nb		20.2
	٠٤٠	32.5	85.8	96 . 8	93.1	98.3	79.9	79.3	99.31	00.01	20.01	00.01	מני בט	.00 •	-11	25.2

DEFRAL CLIMATCLOUY GRANCH USAFLTAN ATP AFATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TANK FULSE AAF DE 73-81

> PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

f . N -							V/5	BILITY STA	ITUTE MILE	5						
TE.	≱10	≥ 6	≥5	2.4	≥ 3	≥ 2	≥ 2	\$	≥1.	≥1	٤.	2.	2	25 o	•	
70000	3.1									13.9 17.5						
BOOK A FA	9.7	11.5	13.2	15.4	16.0	16.3	16.5	16.5	16.0	17.7	17.7	15.2	1 3	17.4	17.7	
AUKK J. J. P.N.	3.7 11.1	11.5 11.3	13.0 13.6	15.4 15.8	15.3	16.3	16.5	16.3	16.0	17.7	17.7	13.2	15.7	19.4		21.6
≥ '= +++ + '> +1 +< ++	-11.2	13.5	15.4	18.2	19.0	19.0	19.7	22.2	25.2	19.4 21.2	21.2	21.7.	21.9.	-1.: -22.5.	21.4	25.7 Zapi
	. <u>13.3</u>	11.1	19.5.	23.8	24.8.	25.3	26.1	24.1	26.7	25 • 3 28 • 2,	28.4.	29	29.4	30.4.	32.9.	i . i Zanā.
7 (NA)	14.4	1:2	21.2	26.3	27.5	27.7.	28.9	29.4	25.4	28.5 30.9 32.3	31.1.	31.7.	32.1	33.7	Jlo d.	73.1 35.2
4 + H	-15.4	12.9	23.1	23.9	3-2	3:04	31.7	32.4	32.4	34.1 39.6	34.3.	35.1	35.3.	36.7.	37.2	34.2
	. 19.5	25.5	22.5	38.4	39.9	4400	42.4	43.5	43.6	51.9	+6.2	46.3	47.2	43.7.	49.4	51.1
* 27.93* 	<u>-23.3</u> 20.7	75.9 25.9	33.4	44.7. 45.3	46.9	47.5	49 <u>-7.</u> 50-3	52.3	52.6 53.3	56.7	56.7. 56.9.	56.9.	57.4. 52.1	59.9. 59.9	59 <u>.6.</u>	51.5 62.3
	22.2	31.6	37.7	52.3	54.8	55.7	58 . 6	62.0	62.5	66.0	56.2	56.9	67.4	68.9	09.5	71.6
· yes	22.3	31.6	37.0	56.J	59.9	61.1	65.0	69.4	70.1	71.1	74.9	75.6	76.1.	77.7	79.6	97.4
. 19K	22.2	31.6	33.2	56.7	61.1	52.51	66.6	71.5	72.5	77.2	77.4	78.1	79.6	30.5	01.2	23.2
40.	22.2	31.6	38.2	56.9 56.9	61.3	62.6	66.7	72.5	73.7	79.8 80.3	ชา . ก่ ชา . ธ!	93.6 81.2	31.2	84.2	24.7 85.4	46.9
: 30x : 20x	22.2	31.6	39.2 38.2	56.9 56.9	61.3	62.6	66.7 66.7	72.7	74.	80.6 84.8	37.8 01.7	91.5 91.7	32.3 82.3	25.7 25.4.	37.4	92.5
· · · ·										8.08 80.8						

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

SLIPAL CLIMATCLOUY BRANCH AT- ASATHSE SERVICE/MAC

CEILING VERSUS VISIBILITY

1 SALLA AAF L STATES NAME PERCENTAGE FREQUENCY OF OCCURRENCE FRCIM HOURLY OBSERVATIONS

73-31

3.3 11.3 11.4 13.0 14.5 14.6 15.4 16.0 15.1 10.5 16.5 15.3 16.9 16.2 16.5 17.6 14.7 2.9 27.1 26.6 28.4 28.7 31.0 31.8 32.1 32.8 32.8 32.8 32.8 32.9 33.2 34.1 16.3 22.5 32.8 22.9 33.2 34.1 16.5 22.5 23.9 29.1 30.9 31.2 33.7 34.7 35.1 35.9 35.9 30.9 37.9 26.0 36.7 77.2 . .7.1, 23.3, 24.7, 35.2, 31.9, 32.2, 34.7, 36.4, 36.5, 37.2, 37.2, 37.2, 37.2, 37.1, 37.6, 33.7, 13.9, 25.3, 26.3, 32.5, 34.7, 35.2, 37.5, 78.9, 39.4, 45.1, 40.1, 40.1, 40.1, 40.7, 40.6, 41.5 21.3, 27.4, 27.3, 35.4, 37.9, 38.2, 47.7, 42.3, 42.8, 43.6, 43.6, 43.6, 43.6, 43.5, 44.1, 45.1, 22.8, 29.9, 32.2, 38.8, 41.7, 42.0, 45.4, 47.0, 47.4, 48.3, 48.7, 48.3, 48.7, 48.5, 48.8, 49.0 26.0. 34.8 37.5 45.7 48.9 49.3 52.9 54.9 55.3 56.2 56.2 56.2 56.2 56.4 56.7 57.3 28.5 37.5 47.7 49.2 52.9 53.3 57.1 59.7 60.5 61.3 61.7 51.3 61.3 61.5 61.0 67.3 32.6 43.8 44.4 54.2 57.8 58.4 62.4 65.6 56.3 67.5 67.9 67.9 68.1 68.2 63.7 7.1 31.2 41.4 45.1 55.3 59.0 59.6 63.5 66.8 67.5 68.7 69.1 69.1 69.3 60.4 60.8 71.3 31.2 44.4 49.2 59.6 63.5 64.1 64.2 71.7 72.5 73.8 74.4 74.4 74.5 74.7 75.1 76.2 33.2 44.4 49.2 62.1 66.3 77.9 74.5 77.5 77.6 77.7 77.5 77.6 78.7 79.5 33.2 44.5 49.0 54.3 69.8 74.7 77.8 77.9 77.8 37.9 18.3 79.1 80.5 61.1 81.3 81.4 81.6 82.7 83.5 33.4 44.7 5 11 65.2 71.7 72.3 77.5 77.5 77.6 78.7 79.5 33.4 44.7 5 11 65.7 71.7 72.3 77.5 79.9 82.9 82.9 82.9 83.0 83.2 83.6 85.1 83.4 44.7 5 11 65.7 71.7 72.3 77.5 82.4 83.3 84.9 85.5 85.7 85.9 86.2 86.7 85.1 33.4 44.7 5 11 65.7 72.8 73.1 77.7 82.4 83.3 84.9 85.5 85.7 85.9 86.2 86.7 85.1 33.4 44.7 5 11 65.7 72.8 73.1 77.7 82.4 83.3 84.9 85.5 85.7 85.9 86.2 86.7 85.1 33.4 44.7 5 11 65.7 72.8 73.8 79.1 84.9 85.1 86.8 87.4 87.6 87.8 88.1 88.6 93.7 33.4 44.7 57.1 65.9 72.8 73.8 79.1 84.4 65.1 86.8 87.4 87.6 87.8 88.1 58.6 93.7 33.4 44.7 57.1 66.0 72.9 74.1 79.5 84.9 85.9 87.8 89.6 98.7 89.2 89.8 97.3 92.2 33.4 44.7 53.1 66.0 72.9 74.1 79.6 85.2 86.2 88.4 89.3 89.5 9 7.0 90.9 91.9 95.7 33.4 44.7 50.1 66.0 72.9 74.1 79.6 85.5 86.7 88.9 89.8 89.9 90.5 91.7 92.7 97.1 33.4 44.7 57.1 66.2 72.9 74.1 79.6 85.5 86.7 88.9 89.8 89.9 90.6 92.1 93.6 98.7 33.4 44.7 57.1 66.0 72.9 74.1 79.6 85.5 86.7 88.9 89.8 97.2 97.8 92.4 94.1 99.4 23.4 44.7 57.1 66.0 72.9 74.1 79.6 85.5 86.7 88.9 89.8 97.7 92.4 92.4 74.11 2.5

TOTAL NUMBER OF DESERVATIONS ...

USAF ETAC 0-14-5 (OL.A.) METHOUS EDITIONS OF THIS FORM ARE DESOURTE

S. A. San S.

GETRAL CEIMATOLOGY SRANCH U AFETAC AIR WEATHER SERVICTYMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14 40							v 516	311111 51A	1 16 Mile	4						
166.	≶ .ö	≥ 6	≥ 5	≥ 4	23	≥?	27	?	3' •	21		٠,		25 6	• •	
vi Etini. 20000							24.4									25.2
± 180000 50000	19.7	25.9	25.9	71.2	31.8	32.1	32.5 32.5	72.9	33.1	*3.2	33.2	33.0	33.0	37.7	33.2.	73.7
2 AUKA 2 JOHNU				-			32.5 32.8				-				-	
ું લગ્ન • પ્રત્યોનું —	21.1	23.3	29.2	33.L	34.5	39.4	34.6 35.1	35.6	35.7.	35.9.	35.2.	25.2.	35.9.	II.s.	15.9.	35.2
- HIN 2 Test	15.2	39.45	35.6	41.3	42.4	42.7	40.7 4 3.2	43.8	43.9	44.1.	44.1.	44.1.	44.1,	44.1	44.1.	44.1
1 5000 1 10000 1 4500		15.7	37.1	42.7	47.8	44.1.	43.9	45.2	45.2	45.5	45.5	45.5.	45.5.	43.5,	45.5.	بتمته
4 7 7	. 3304	19.6	41.0	47.4	43.6	46.9	47.2	5:44	53.24	50.3	<u> </u>	50.3.	53.3.	51034	57. 3.	تمند
	. 42.5	15.4	59.1	67.2	69.7	1205	61.2 70.8	71.4	71.7	72.2	12.2	72.2.	72.2.	بتعنت	72.2.	22.2
11.65. 90.	46.4	61.3	65.7	77.	57.3	23.6	76.7 31.7 82.8	B3.7.	84.3	25.1.	35al.	95.1.	85.1.	35	ā5.1.	المكك
5 k	47.3	63.7	69.5	يوملاق	44.6	85.1	36.2 38.5	98.4	89.1	89.9.	89.5	89.9.	59.9	£2.5.	39-21	85.5
* 30t - 90	48.9	6.2	71.6	54.9,	83.5	37 . X	92.2	93.0	93.0	94.7	94.7	24.7	94.7	94.7.	94.7.	94.7
# 800 700	49.1	55.4	71.9	85.9	9 . 5	91.3	92.9	95.2	96.7	96.7	¥6.9.	96.5	96.9	96.9.	96.2.	96.9
1 60k	4901	65.4	71.9	36.3	7:03	71.3	93.5	96.4	96.7	37.8	17.8	97.8	97.8.	97.5.	97.E.	27.3
2 419 301 2 200	49.1	55.4	71.9	86.3	97.8	91.9	93.5 93.5	97.3	97.8	99.5	39.7	99.5	99.81	. 10 . 11	. 1. 14	10.7
- Ale	49.1	65.4	71.9	86.3	93.8	91.9	93.5	97.0	97.9	99.5	99.7	99.3	99.8	. j. 1		70.7.
×	4701	<u>رو و در ده</u>	1104	30 · u	7 100	YAD	93.5	2101	7/081	77.03.	YYe.	77 e 5	<u> </u>			تتهسنا

GLOBAL CLIMATOLOGY RRANCH USAFETAC ATH MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 1445 FULTA AAF IL STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

F-(L-1	7							V:51	BILITY STA	ITUTE MILL	E 5						
4 6 6		≥10	26	≥ 5	≥ 4	23	≥2 .	≥ 2	≥1.	21.	≥ ;	2 .	2.	2	≥5 16	<u> </u>	20
. E											28.€ 39.4,						
2 B		25.2	35.9	37.5	33.8	34.2	34.2	34 . 4.	35.1	35.1	35 • 1 75 • 3	3 - 1	35.1	35.1	75.1	Z = • 1	75.:
4											35.4 35.6			35.4 35.6.		35.4 35.6.	- •
		29.7	34.5		37.0	35.2	35.J.	33.2	38.9	35.0	37.4 35.9	38.9	33.9.				. •
	* { •	36.7	43.2		47.4		43.1	49.3	49.0	49.	45.	40.	43.	49.7	49.		
· · · · · · · · · · · · · · · · · · ·	٠.	33.3	45.2	47.	49.7	57.5.	53.5	50.8.	51.5.	51.5	49.7 51.5 53.9	٤١٠5.	51.5.	51.5.	11.5	<u> 51.5.</u>	£1.£
),* -	41.6	49.7		56.4	57.7	57.1	59 C.	58.5	<u>. و و ر</u>	59.0; 68.4	59.	59.7.	29.2	57.0	50.0	59.7
	χ+ ∵λ	53.2	64.9	64.2	74 . 7	75.8	75.8	77.4	78.1	78.3	78.8 82.8	79.8	75.5	79.8.	73.5.	73.F.	7000.
	χρί. 	55.7	69.4	75.2	.82.6	83.9	83.9	86.1	97.2	67.3	87.9	67.9	87.9	87.9	87.9	37.0	37.2
	5.K 700 WO	57.1	72.3	79.2	38.6	9.7.8	93.8	92.9	94.0	94.7	94.8	94.9	94.8	94.8	94.5	34.6	94.5
	γι	57.7	73.2	8 1	91.1	93.7	93.7	95.8	97.5	37.5	98.6	98.6	98.6	93.6	78.6	99.6	28.6
- ;	*UL 60L	5 * . 7	73.2	8 '. 1	91.1	93.9	93.9	96.	77.6	97.8	98.7 98.7 98.9	98.7	98.7	93.7	98.7	93.7	્કુ,
-	5:40 400	57.7	73.2	87.1	91.1	94.0	94.3	76.2	98.C	98.2	99.6	99.5	99.5	99.6	99.	99.6	77.€
	300 200	57.7	73.2	87.1	91.1	94.0	94.3	96.2	98.4	98.6	99.6	99.8	99.8	107.7	10.CS.	ี ก. าว	
	.x							•			99.6						

TOTAL NUMBER OF OBSERVATIONS

CLOPAL CLIMATOLOUY ARANCH LIMETHON AIT WEATHOR SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENC

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CELNO							v (\$1	81617 514	it ite im le	S						
*tE"	_ ≥10	≥ 6	≥ 5	≥ 4	23	22	21 ;	2	21.	· ·		• •			٠.	
NO CEILING 20000			11.1		13.8		17.0					14.5	14.7	1		•
≥ 18000 ≥ 5000	9.5	12.0	13.1	15.1	15.3		16.0	16.2	14.4			15.4	14.4			
2000 2000	8.5	12.0	17.1	15.1	15.	15.7	16.	16.2		10.4	16.4	10.4	1 . 4	15.		•
- ημή(° * ψημή	10.5	14.7	15.5	17.8		15.3	1 = . 9	19.1	19.7	17.3	15.	17.3	1		•	•
> 4 sk	13.5	17.0			27.1	23.3	27.3	23.5		23.4		23.				* • • • • • • • • • • • • • • • • • • •
500X	14.7	13.5		23.3	24.2	24.4		24.5	24.7	?4.7	24.	74.7			• •	•
#50H #4/K/K	17.1	20.2	23.3	27.5		26.5	29.5	7F.7		30.2	12 G	7			• • • •	•
* 7500 .* FRX	27.3	25.5		33.1	34.7		34.9		35.7		20.0	4			•	•
7*0K 25jest					43.5 51.5			49.8	5'.	75.7°	۰ از د	*				•
90t 5 x					55.3 63.1		36.7	7.5	57.0	57.5						÷
* 29 * ук. •					67.6		59.5	71.5	11.5	71.5	7					•
* ¥0,	27.5	39.6	45.1	70.0	76.5 77.3	73.5	37.4	F3.1	63.0	94	14.5					
: 700 - 500 	27.5	47	45.6	72.0	77.1 87.2	31.5.	54.4	87.3	36.	88.4	57. 1 54. 1	4				
40C	27.5	4	45.6	72.5	31.1 51.3	92.5	36.2	69.6	9 . 4	31.c		51. 9. • •.	, ,	•		
. 10 	27.5		46.7	72.9		62.9	86.5	93.2	91.1	92.5 9 <u>2.</u> 7.				•		
* JK.			46.°. 46.°		81.6					92.9	***			•	•	

TOTAL NUMBER OF COSSEVATIONS

USAF ETAC 04 0-14-5 (OL A. MEWOUS EDITIONS OF THIS FORM ARE ORBOLETE

SETHAL CEIMATOLOGY BRANCH LISTLIAC AL AFATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES 26 25 24 27 27 27 21 21 21 21 21 21 22 25 6 7 7 1 20 . 7a 2 12a2 12a1 14a5 15a4 1ba4 16a0 16a0 16a0 16a7 16a7 16a5 16a5 16a4 16a2 17a1 . . 2 12.5 13.5 14.9 15.9 15.9 15.5 16.5 16.5 16.3 16.9 15.9 15.9 17.3 17.7 17.5 . 12.2 12.4 17.5 14.9 15.9 15.9 16.5 16.5 16.5 16.5 16.6 16.7 16.9 15.9 17.3 17.4 17.7 12.5 17.5 14.9 15.9 15.9 16.5 16.5 16.5 16.8 16.8 16.9 16.9 17.3 17.4 17.7 . 1. a. 13 a 14 a 1 15 a 7, 15 a 5, 16 a 6, 17 a 3, 17 a 3, 17 a 5, 17 a 6, 17 a 7, 17 a 7, 1 d a 2, 18 a 2, 16 a 5 1 .3 15.4 16.4 17.7 13.6 16.8 19.6 19.6 19.7 27.7 27.7 27.2 2 .2 27.5 27.6 21.7 12.3 12.4 16.6 17.8 12.8 12.4 19.6 19.7 27.1 12.5 12.7 27.2 27.2 27.6 21.7 27.6 21.7 27.5 14.7 14.5 14.7 27.8 27.7 27.2 23.0 23.0 23.0 23.4 23.4 23.4 23.6 23.6 23.9 24.7 74.3 1.0.1 2.1. 23.4. 24.3. 25.1. 25.1. 25.1. 25.6. 25.6. 25.6. 25.7. 26.0. 26.2. 2 - -: 4 - - 50-2 17-3 17-2 61-6 61-9 62-4 62-9 62-9 63-2 63-2 63-5 63-5 63-6 51-9 -- 1 1904 9 05 010 2 440 3 440 4 470 6 EB 4 4 570 6 486, 5905, 7001, 7001, 7004, 7005, 7009

SL.PAL CLIMATOLOSY BRANCH UC*FÉTAC ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

<u> 5 </u>	LOA AAF	<u> </u>	STATION NAM	· · · · · · · · · · · · · · · · · · ·			73-	s'		শুক	 				—— "} ;	<u>.</u>
				PEF		AGE F					RENCE				170	- 1.4.7
1111 1112								IBILITY STA	ATUTE MILE	\$						
166.	> ¹¢	≥ 6	≥ 5	2.4	2.3	≥ 2	27	2	≥`•	51	2 4	٤.	2	25 ° 6		2.
147 TE 154 20000			11.7		14.7	14.1		14.1	-	14.3	27.7		15.3	15.3	15.7	15.
2 1800K	13.5	16.4	17.7	19.9	21.7	21.4	21.4		21.6			22.0	22.8	27.5	22.2	
* 140kg	13.3	16.6	17.4	27.1	21.6	21.8	21.5	21.6	_1.9.	22.0	27.0	23.1	27.1	23.1	27.1	23.
	15.3	13.3	17.5		23.6	23.3	23.9		24.7	24.3			25.4	25.4	<u> 22.5.</u> 15.4	- <u></u>
4 4	10.5	23.9	25.1	28.4	30.1	25.9 33.2	30.4	26.4 30.4	37.7		31.6	31.9	31.9	27.5. 31.	31.9	$\frac{17}{1}$
- 5000	- • · · · · - · · ·	25.4 25.9	27.4	31.0	33.4	33.1		33.2 33.7		34.7		34.7	34.7		34.7	. <u> </u>
- 5 M m		77.9. 37	3 . 1	33.7. 36.9	35.5. 39.2	35.7. 39.5		75.9				37.4. 41.2	37.4	57.4. 41.2	37.4. 41.2	-77. 41.
4 44	17.4					50.5							45.7		45.7	. 4 2.0
- KA	17.) 11. 3	47.	53.2	56.6	59.	64.	57.1	50 · 8	61.1	61.8	57.	6	. تعدف	57.4	5 7. 4.	<u>67.</u>
H: H	42.4	52.7	57.6	55.9	63.8	69.3	17.4	71.1	71.4	72.1	72.3.	72.6	72.8	77.2	72.2	. 7.
	99.2		6 ? • 1,	73.1	75.9	75.9 76.6	77.9	79.4	37.1	80.7	87.9	91.4	31.4	51.4	<u> 51.4.</u>	c ;
16 K	45.5	57.6	65.8	79.1	€2 .2	79.9 93.1	34.9	86.7	87.4	98.C	88.4	88.9		98.9		35.
9. ×			65.3	8).1 31.1		84.6 55.7					90.5 92.2				91.7 <u>92.7</u>	71.
7.7 7.60	45.3					⁹ 6⋅2 36⋅2				-						
40%	45.स 45.स	6 1 • 1 5 0 • 1				86.5 86.5									96.7	
300	45.3	63.1	65.t	31.6	85.4	36.5	90.0	94.2	95.7	96.8	97.2	98.5	98.5	99.	59.	9.
, , , , , , , , , , , , , , , , , , ,	45.9	67.1	65.4	21.6	35.4	36.5	90.0	94.2	95.2	96.8	97.2	93.5	90.7	99.5	1.75	
	47.0	00.1	03.5	91.6	55.4	30.5	40 · J	74.2	7500	70.5	7/02	73.5	74.1	770"	·• #	

TOTAL NUMBER OF OBSERVATIONS ________

USAF ETAC 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE ORSOLETI

GULFAU CETMATCEOSY STANCH UNAFLITAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

: Eit No							v15	BILITY STA	NTOTE MILE	5						
itt.	≥ : ٢	20	≥ 5	≥ 4	23	≥2:	≥ 2	≥ :	≥1.	≥1	≥ .	≥ •	2	≥ 5 : 6	2.	2.
1470 E (1947) 1 20000			-					17.1 25.0						17.1	17.1	
≥ 18000 1 16000	14.7	13.3	27.	24.2	23.5 23.5			26.3 26.3			26.3 26.3			25.5 26.5	25.5 26.5	
2 14000 2 7000	14.9 15.3	15.3	27.7	24.2 24.6	25.5 25.9			26 • 3 26 • 7;	-		25.3 26.7		26.5 26.9	26.5	25.5	36.5 26.2
2 10000 ≥ 9000 +	15.3	21.4	21.2	26.1 27.5	27.5 23.9	23.9		29.7	29 • 7 29 • 7	29.7		29.9		29.9	29.5 29.9.	79.5 24.3
2 7000 2 7000	21.3 -21.4	26.3 29.7	29.3	35.0	36.3	35.3	37.1	35•ძ′ -77•1;	37.1	37.1	37-1,	37.3	36.7	37.3	34. ` <u>37. Z</u> .	70.7
5 6000 5 5000 4 4500	21.5	27.7	32.5	36.1.	37.5	37.5	33.3	38.3	39.3	38.3	38.3.	36.5	33.5	37 • 3! 39 • 5	38.5.	35.5.
4000 3 350	25.7	33.6	35.5	42.6	44.3	44.1	45.2	45.2	45.3	45.2	45.2,	45.4	45.4	40.7 45.4 54.7	45.4.	45.4
2 1000 2 2500	37.7	48.7	53.1	61.9	53.3	63.3	64.8		65.4	65.4	65.4.	65.6	55.6	65.0	65.5.	
2000 BOC	39.3	52.7	58.7	71.1	72.7	72.7	74.5		75.0	75.2	75.2	75.4	75.4	75.4	-	75.4
F = 500 →	41.7	57.6	64.64	80.6	62.7	82.7	94.7	95.1	3.26	85.5	55.5	85.7	â5.7	85.	35.7	55.7
7 (000	42.7	58.7	66.8	34.9	87.6	87.6	20.2	2C - 8	91.2	92.3	y2.3	92.5	92.5	92.5	92.5.	92.5.
2 800 2 700 2 800	42.1		67.4	86.4	89.2	89.2	92.1	92.7	93.7	95.3	95.3	95.5	95.5	94.9	95.7	95.7
500 2 400	42.1		67.4	36.6	87.6	89.6	92.7	94.1	94.9	07.2	97.2	97.4	97.4	97.1 97.6	97.6	¢7.0
		55.9		35.6	80.6	89.6		94.1	95.1	98.		98.4	98.4	98.8		99.2
		55.9	67.4	36.6	89.6	89.0	92.7	94.1	95.1	98.	98.	98.4	98.4	99.4	99.8	· ~ ~ .
	4601	22.7	0 (• 4.	20.0	<u> </u>	37.5	72.1	YTEL	X3 a li	<u> 78</u>	7 C a	75.4.	72.4	99.4	7.7 a 3.	لتعقلب

USAF ETAC 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM AND OBSOLETE

BELIFAL CLIMATOLOGY BRANCH JETELTER ATH AFATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

1 FAME FOLDS AAT UL STATES NAME PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

VISIBILITY STAT TE MILES 0.1 5.3 7.9 17.1 17.2 12.5 13.5 13.5 13.6 14.2 14.7 14.4 14.7 17.1 17. 7.4 8.1 9.7 11.4 17.3 17.4 14.7 15.1 15.1 15.7 15.7 15.7 15.7 15.3 16.7 16.5 16.7 7.5 3.5 9.6 11.5 17.6 13.6 15.1 15.5 15.5 16.0 16.0 10.0 16.2 16.6 1..2 17.7 7.0 3.5 9.6 11.0 13.6 13.8 15.1 15.5 15.7 16.0 16.0 16.0 16.1 16.0 15.6 15.2 17.2 7... 3.5 9.6 11.8 13.6 13.8 15.1 15.5 15.5 16. 16.0 16.0 16.2 16.6 16.2 17.7 7.6 3.5 7.5 12.2 14.2 14.2 15.5 15.8 15.3 10.4 16.4 15.4 16.5 16.9 17. X 17. X 7.7 8.7 10.1 12.3 14.2 14.4 15.7 16.5 15.2 15.8 16.8 16.3 16.9 17.3 17.3 2.5 10.1 11.2 14.4 16.2 15.4 17.7 18.3 13.2 16.8 18.8 18.8 19.0 17.7 17.7 3.3 13.1 11.5 14.5 16.4 16.6 17.9 18.2 12.4 19.2 19.2 19.2 19.3 19.7 17.1 2.4 8.5 13.1 11.5 14.5 15.4 15.6 17.9 18.2 12.4 19.2 19.2 19.3 19.3 19.7 17.1 2.4 13.5 14.0 15.8 19.2 21.4 2..5 23.0 23.4 23.6 24.3 24.3 24.3 24.5 24.5 26.9 27.5 2 10.7 14.7 16.5 20.6 23.0 23.2 24.7 25.4 25.5 26.3 26.3 26.3 26.5 26.5 26.9 27.5 2 13.0 19.0 21.1 26.5 24.9 29.1 37.6 31.2 31.5 72.0 73.5 26.3 26.5 26.9 27.5 2 13.6 19.0 21.1 26.5 24.9 29.1 30.6 31.3 31.5 32.2 37.7 32.2 32.4 12.5 33.1 13.7 10.5 22.8 26.7 23.1 35.9 36.1 37.6 36.5 38.7 39.4 39.4 39.4 19.8 40.1 40.5 41.1 19.8 19.2 26.3 30.4 39.4 49.4 42.5 44.7 44.9 45.1 45.9 45.9 45.9 45.2 46.6 7.7 47.5 23-2 29-1 33-5 44-2 45-3 49-2 51-6 52-7 53-7 53-2 53-2 51-2 54-1 54-5 54-5 54-5 55-4 8" 26.3 77.0 45.3 67.6 75.5 76.4 81.0 92.7 83.2 94.2 34.2 94.2 34.5 64.7 25.3 36.1 ୍ 26. ୫ ୪.୮.ମୁ ୫୭.୧. 69.1 ୧୯.୭ ୧୯.୬ ୪.୩ ୧୯.୬ ୪.୭ ୧୯.୪ ୪.୭ ୭.୮.୭ ୧୯.୬ ୧୯.୬ ୧୯.୬ ୧୯.୬ ୧୯.୬ ୧୯.୬ 26. \$ 37. 45.9 69.4 72.3 79.4 34.5 37.1 p7.6 88.8 38.8 88.8 38.8 89.1 87.5 39.9 9.40 ે 26.૪ 37. / 45.લ 59.4 73.8 79.9 95.3 88.4 89.1 ૧૯.4 ૧૧.4 ૧૨.4 ૧૨.૩ ૧૧.૬ ૧૧.૬ ૧૨. 26.3 37.3 45.9 59.6 79.3 8J.1 35.8 69.1 87.9 91.5 91.5 91.5 91.9 92.8 93.7 94.5 92.8 93.7 94.5 92.8 93.7 95.7 96.5 38.7 26.X 37.0 45.9 69.0 79.0 32.1 36.4 90.1 90.0 92.8 92.5 97. 93.6 93.9 97.4 99.1 20.3 37.0 45.9 69.6 79.0 82.1 36.4 90.1 90.8 92.5 92.6 93. 93.5 95.9 97.510. 20.3 37.3 45.9 69.6 79.0 82.1 86.4 90.1 90.8 92.5 92.3 97.3 97.5 95.9 97.510.

73-81

TOTAL NUMBER OF DESERVATIONS ____

USAF ETAC 0-14-5 (QL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SULPAL CLIMATCLOSY ARARCH SIMPLITAC AI WEATHER SCRUZOLYMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

								+15-	8 1-34 - 51A	THITE MILE	۸.						
			2.6		:4	23	2;	≥.	3	2 .		2 .	: •		25 6	: •	
٠.			. 3	5.	8.9	7,4	7.4										12.7
	· # *.	• = } • ->	- 10-		12.3	17.0	13.1	13.4	14.3	15.7	-	15.7	11.3	1 . 5	15.5		<u>18.2.</u> 17.
			7.7		12.3	17.1	13.3	13.6	15.	15.0	15.5		10.5	16.5	16.0		17.°
	د د	5.7	7•7 2•5	•		14.4	14.5	14.9	16.3	17.1	17.7	17.	1 7.	15.8.	17.5	17.5	1 = 1. 1 + •
		6		11.3	17.4	13.4	14.9 13.5	19.8	ذ ۲۰۰۰	21.1	21.7	21.7	21.7	1:-2.	<u> </u>	1 - 0 - 7 - 7 - 7 - 7	1 2 .
•	•	₹•	19	11.5	17.7	14.7	18.3 15.8 19.3	19.5	20.,	21.	22.4	27.4	<u>22.4.</u> 22.4	22.5	1111. 111.5	<u>* * * * * .</u> 2 7 • 7	<u> </u>
	- 4: - 4:	1 4	13.7	14.5		22.2	22.4	23.0	~4.4	25.0			2.2±1. 25•0	21.5.	. 2 4 <u>9</u> 1 € • 5	<u>- 14.9</u> 4.	19:1. 17:5.
		1977	21.9		31.3	32.7	24.9 7.9 39.1	33.5	35.1	35.9	35.7	36.7	35.	2 - 1	37.4	37.2	
	•	73.3			43.5	45.7	45.8 53.5	47.	43.0	49.4	55	50.5	5 . 5	5 . 4	43.9. 51.1		
	•	` 2 7. ∂` 20.5	15.9	39.	03.0	55.9	50.1	5 7.7	59.5	5~• 5	61.5	ა 1. ≏	6 . · · · ·	ნ2 - 1			B.4. 2.00 0.7
		- 1	41.5	40.5	67.6	56. T	55.5 71.7	50.5	70.5	71.9	74.	74.	74.1	74.3		7 1	75.7
		. 3 • 4	43.5	45.1	63.1	77.7	73.2.	75.5	77.8	70.7	21.5	51.t	71.5	81.9		~ ~ ~	- برد - درد - درد
		33.4	40.5	4 2 . 4	71.7	77.8	75.3 79.4	31.6	04.2	35.4	98.2	58.1	ян.5	03.7	89.1	30.6	
		3.4 23.4	43.5 43.5	47.6	72 • 8 72 • 8	79.6	79.9 8.0	83.7	86.9 97.1	89.7 89.5	92.2 92.8	92.7	92.7	97.7	94.6	45.5	- <u>3≖-</u> -4,6 95.π
		. i ? • 4	43.5	4	72.3	73.6	°3.) 93.J	34.2	°7.7	9 ^ 4	C4.1	74. =	94.9	95.7	97.2	07.6	3. T
	. ,						50.0 53.0										5.7

CENTAL CETMATRECUY NOBNOW UNFOLDS

AT WESTER COTHAICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

TOTAL STATES AAT US STATES NAME TO THE STATES NAME TO STATES NAME

TOTAL NUMBER OF OBSERVATIONS

USAF ETAL 0-14-5 TOL A MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

DELITAL CETMATOLOGY SPANCH Unificaci all Afather Servicolmac

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

1 -05 FULLS AAF UL TIPE TO THE TOTAL

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC - 0-14-5 (OL A MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

MOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from bourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extremê maximum temperaturê
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2)

 # indicates the extreme was selected from a month in which hourly temperatures were available
 for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

B - 1

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of vet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.
 - NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
 - b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dev-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (σx) . The number of observations used in the computation for each element is also shown.
 - c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - s. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

BEY ME METHOUS EDITIONS OF THIS ROAM ARE ORGULATE 0 26 5 (OL A)

\$ \$ USAFETAC

PSYCHROMETRIC SUMMARY

MONTH. WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb 5 2.7 No. Obs. 91.2 7.528 3..3 9.556 597 597 52.9 Dry Bulb Wet Bulb 597

CECHAN CEIMATCECUM HANCH COMPETAC CONTRATH NOSERVIC MASS

PSYCHROMETRIC SUMMARY

رة <u>في</u> سرويون

3121134				3	ON NAME															
																	. T		HOURS	- <u>1</u> 1 -
Temp	•					WET BUI	LB TEMPE	RATU	RE DEP	RESSIO	N (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6 7	8 9	10 11	12 13 - 1	4 15	16 17 - 1	8 19 -	20 21	22 23 -	24 25 -	26 27	- 28 29	. 30 • 31	D.B. W.B	Dry Bulb	Wet Built I	De- P
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USAFETAC Now 0.26

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LE RAE CETMATCEOUY FRANCH LONFLIAC ST. ALATHOR SERVICE/MAG

TATION STATION AME

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

MONTH.

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Dry Bulb

Wet Bulb

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PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0.26-5 (OLA) REVISE METODA EPIDAS OF INS NOM ATT CALL CITY

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PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0.26.5 (OL.A) REPORT MERCONSTONAMES CHARTER AND 1-1-1

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USAFETAC FORM 0.26.5 (OL.A). HEVISP MEVICUS SOFTING FIND FIND FROM MET DESCRIPTED.

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USAFETAC FOLM 0.20-5 (OL A) NEVISIO MENCIOS DEFICION OF THIS NOTION AND OBSOLUTE

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S'ATION NAME

PSYCHROMETRIC SUMMARY

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MONTH! P2 4 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 # 31 D.B. W.B. Dry Bulb Wet Bulb Dem Po . L. ...1. ٠, ۲ 44 • I. ; <u>-</u> 7.0 * == **5**4 ⊆. AM 287 1 2 7 1 2 8 2 . <u>.</u> . . 4 . 4 ._/ 41. ., . 3 60 1 +2. • -4 . 4 ن نـ __/ 2<u>5</u>. _// 25. LLIAL •4 No. Obs. Mean No. of Hours with Temperature 342/15Z 221612Z 1760659 7:5 Rel. Hum. 1 32 F 43146 67.315.1.3 55.1 5.139 49.2 6.177 Dry Bulb 715 39371 Wet Bulb 352.5 715

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BEVISED PREVIOUS ã õ 8 0.56 3 3

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SE MAL CEMATOLOUM THANSH UNAFITAD AT AMATHUM UTEVIOUMMAS LINHS FILLS AAF UL STATION NAME

PSYCHROMETRIC SUMMARY

TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 | D.B. W.B. Dry Bulb 1.4 10 1 3 . 5. • i • 5 1 3 1 4,7 +4 0.913.516.315.517.314.7 9.5 4.2 7.3 57.117.017 50.70.20 51.70.17 42.30.6.17 779; 3814] Mean No. of Hours with Temperature 7 2425 36 231475 [≥ 67 F : = 73 F Dry Bulb 12953 28185 71.5245 5 ¥ ₹

HORN 0-26-5 (OL.A) REVISED REVIOUS EDITIONS OF THIS YORK ARE URING

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PSYCHROMETRIC SUMMARY

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STATION STATION NAME

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PSYCHR	OMETRIC	SUMMARY

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w Paint		1	1595	7.5	,	<u>ز د ۲ ق</u>	4,6	4 . 1.	6.53	7	_ :	39			3.	. 3						_		

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STATION NAME

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Temp		WE	T BULB TEMPERATU	RE DEPRESSION (F)			TOTAL	TOTAL
1 F	0 1 2 3 4 5	-6 7-8 9-10) 11 - 12 13 - 14 -15 -	16 17 - 18 19 - 20 2	1 - 22 23 - 24 25	- 26 77 - 28 29 - 30 - + 31	DB. WB Dr. Buis	Wet Buit Dem Po
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y Bulb	1 33 12 1	755≥≴	54.4.5.137	5.24				
et Bulb ew Paint	15 75 4 5 1 5 5 7 7 7	7775 Å	51.4 5.405	624				·
, r 0.nr			49.6 5.920	624]		<u> </u>		

PSYCHROMETRIC SUMMARY

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FORM 0.26-5 (OL.A) BEINE METALAS BETTAND OF HIT HIS HIS

USAFETAC FOR 0.26.5

STATION	STATION NAME	74-21	YEARS	MONTH MONTH
				HOURS
Temp	WET BULB	TEMPERATURE DEPRESSION (F)		TOTAL TOTAL
F	0 1.2 3-4 5-6 7-8 9-10 11-12	13 - 14 15 - 16 17 - 18 19 - 20 21	- 22 23 - 24 25 - 26 27 - 28 29 - 30 *	31 D.B. W.B. Dry Bulb Wer Bulb De
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Element (X)	Σχ' Σχ χ	₹ _g No. Obs.	Mean No. of Hours	with Temperature
Rel. Hum	્રામ ક્રમાર્ટ્સ <u>૧૦૦૪ને</u> ક્રમાર્ટ્સ	15.578 53	= 0 F = 32 F = 67 F = 73	F #80 F #93 F Tot
Dry Buib	17347.5 11159 55.1	9,955	<u> </u>	• 3 • • • • • • • • • • • • • • • • • •
Wet Bulb	- 12 v 1 5/ 1		4.4	<u>•1.</u>
Dew Paint	<u> 1620953 71:01 52:4</u>	6.2.5 631	65	.1

USAFETAC FORM 0.26 5 (OLA) PERFERENCE CONTRACTOR TO BE OFF

PSYCHROMETRIC SUMMARY

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STATION NAME

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USAFETAC NOW 0.26.5 (OL.A) IN YOUR INTENDUS TOPHOLOGY FIND NORM AND CONSTRUCT

ت بربان YEARS 10000 - 1440 1.2 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24.25.26 27.28 29.30 + 31 D.B. W.B. Dry Buib £4. . / / =1 1 .2 (.111.517.717.8.3.81 .5 5.7 7.1 1.9 .8 No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≥ 67 F ≥ 73 F → 80 F ≥ 93 F 0.41745 0.427245 0.427245 17544.4 545 394 15 61.216. 46 3.4 24.4 3.2 Dry Buib 43144 65. 9 8.2.4 645 1.5 77546 58.4 4.805 Wet Bulb

USAFETAC FORM 0.26.5 (DL.A) HYSTO MITYOUS TOFFIGHT SHIPS HEN HEN ALL

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TINETS AAS UL STATION NAME TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 1.1 2.1 1.1 <u>: 1</u> .5 1.5 1.5 X 57.27.6.54.2 67.3 6.75.6 57.3 4.54.6 7.4.27 Mean No. of Hours with Temperature

7 32 F x 67 F x 73 F x 80 F x 93 F Element (X) 7 - 2 0 - 6 4 - 1 - 7 1 - 2 - 7 1 - 2 Rel. Hum.

BEVIATO MEVICUS EDITIONS OF THIS HIRM ARE OBSOUTE HOEM 0 26-5 (OL A)

USAFETAC

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						F '	HOURS
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USAFETAC NORM 0.26-5 (OLA) BENED METNOS EDITORES OF THIS RISEM ARE OBSERVED.

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ement (A) . Il. Hum.				14.565	7,7	- O F	: 32 F	≥ 67 F → 73 F	+ 80 F	• 93 F	Total
y Bulb	2 - 2	793 44			7 77		+ 	25.1, 10.1			
r Bulb	2342 2339	2 4	57.7	4.599	700			7.4			
w Point	2139	249 376	24 53.3	4.902	730	<u>. </u>					

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USAFETAC FORM 0.26-5 (OL.A) BEING MENCUS FORNORS OF PRINCHES ARE COLDUSTE

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STATION STATION NAME

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STATION NAME

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PSYCHROMETRIC SUMMARY

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USAFETAC Notes 0.26.5 (0.2.4) INTO REPRODUCE THIS NAME AND DESCRIPTION NAME AND DESCRIPTION OF THE PRODUCT OF T

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PSYCHROMETRIC SUMMARY

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MEANS AND STANDARD DEVIATIONS

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MEANS AND STANDARD DEVIATIONS

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	- 2	4 71	6.973	5.977	5.743	6.165	5.465	4.531	5.105	5.364	5.959	7.203	8.499	9
	, , y . #	5 ₹ 7 ,	556.	628.	617.	o 34.	624.	527.	. 631.	594.	538,	<u> 1</u> 50.	543.	7.76
	V 41.	29.3	71.2	37.8	40.5	49.2	55.4	57.3	57.7	53.3	44.2	35.9	32.5	44.
	- , '	0.604	6.784	3.571	5.895	6.177	5.70 2	4.785	4.599	5.569	5.899	5 39	8.251	11.135
	а	552	547.	724.	539.	715.	6 ∵ 5.	.717.	702	647	523 .	645.	EZa.	5194.
,	St X24	12.1	34.2	43.6	43.5	51.2	56.3	58.→	59.8	50.2	47.1	33.6	34.	45.2
;		1.235	5.745	6.722	6.542	6.176	5.522	4.875	4.577	5.571	5.729	5.455	7.1=5	t1.539
	77 A 7, # 1	\$ 3 ₄ .	596.	676.	502	543 .	. é31	645.	652.	5 27.	. 544.	₽22.	517.	7532,
	4145	12.7	35.0°	41.5	44.2	51.9	57.5	57.2	53.4	56•8	47.4	. 9	77.6	4 . 7
	-	5.753	5.150	7.05:	6.553	6. 291	5.579	4.548	4.524	5.537	5.650	6.251	6.823	11.89
	A . C P	교육성,	5 24.	581.	E 11.	3 3 9.	538	532.	582.	. 235.	553.	529.	532.	5481.
	SE AT		-	-			•						-	•
	4 4													
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	WE AN													
	nta, nas													
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	MEAN	· i .	32.5	36.7	41.2	49.2	55.3	57.0	57.7	53.8	45.	77.6	12.9	44.5
	A							3,00		6.331				11.591
i	TOTAL OBS,													اعتعتب

USAFETAC TOM THE S (OLA)

TO AL DETMETOLICUM PRANCH TOTAC A PATHER SECULO MAC

MEANS AND STANDARD DEVIATIONS

DUN-PUTNY YEMPERATUR'S OFF FROM HOURLY CASERVATIONS

:	1.4,2 F.J.L						77-3	•						
	• * .			1. 1. 2. 4. 4.						****				
		A **	+ 6 8	~ A F	APP	W 4 *	ÜN	<i>7</i> 0.	A C.	SEP		No.	-1	
•	Wi At.	T (a •	7	30.6	7 /	42.1	49.6	51.0		40.1	40.0	34.2	77.5	77.5
														11.00
	1 1 A 1 1	7 د ر	5.5 6 ,	٥2 €.	: : 7,	634.	624,	627	631,	594.	543.	35C.	243.	7179.
	· · · · · · · · ·	25.7	29.4	34.0	~ .	13.6	57	52.5	13.8	50.3	41.7	34.5	3 . 7	4 1 . 7
	11	3.673	6.795	7.330	6.332	729	3.179	5.322	4.9:2	5.811	6.434	6. 458	3.475	11.315
	A 6	٤ : .',	5 4 7.	724	£39	715.	595.	717	700.	€47.	683	J4 &	もっ し .	111 ₃ ,
	ν a*.	29.0	71.1	* 5 . 9	70.4	43.8	50.4	52.3	F 3 . 6	F1.5	43.	15.4	31.6	-1.2
	- <u>,</u> s.	7.39%	-9-6	1.154	6.871	6.874	5.203	8.451	5.602	6.045	6.135	5.515	7.554	1 .741
	· • • - • -	J 7 3	596	576	Ų I 3,	543.	5 7 <u>1</u> ,	645 .	5 ° ₹.	⊌£7.	544	o J 2.	517.	7 Ş p ː,
•	W + # *.		31.5	7 ^	76.4	44.1	50.4	52.3	= 0.4	51.2	43.0	39.9	31.2	41.4
														11.517
	. A	. 40	51,4	191,	Ę j	239.	533.	532.	582	: 7:	Ş£ 3,	529.	112.	6421.
	ν Δ [*] ,					-							•	•
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	W. A.								•	•				•
	T 'A													
	we as												-	•
	, *A - *B*												-	•
	w: a*	28.3	,	7 (1	71. 7	• 4	E ~ 7	57.1	r 3 • 1		42.1	.	7	
	A .											306	-	1. 95
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USAFETAC TO ARREST (OLA)

E RAEL CEIMATOLOGY BRANCH G PEITAC AIN WEATHER SERVICIVMAC

RELATIVE HUMIDITY

1 HAS FULTA AAR UL

JA:.

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	•			PERCENTA	GE FREQUEN	CY OF RELATIV	VE HUMIDITY C	REATER THAN			MEAN	**************************************
אזא	L S T	٠	10	20	30	40 %	50:-	60	70	80	90	· RELATIVE HUMIDITY	∿C ⊃# ⊖8\$
٠.	7.2	•		•								-	•
		•		•	• • • -	•			-+	-+	··• · · ·		•
	· (-75	1	~ ~	110.0	1 4 7 • 7	100.3	137.0	100.0	60.	91.3	61.3	91.2	57 7
	1	1	٠.٦	1	100.5	177.3	100.7	¢9.9	97.5	56.7	53.6	₽°•3	٠ و و د
	1 -14	1	• ¬	1 ,	1.	1-3-3	<u>,ī . ~ . 7</u>	95 .9	93.2		3 3	35.7	7.
	: "	·i	a • ·	1	1.7.7	1 .	1	99.5	, <u>, , , , , , , , , , , , , , , , , , </u>	74.	ר, יין	35.5	149
	·	•		•	+		+			*	·• -·- =		• •
	1-23	•		•								•	
				•	.+	••	-		•	• •	• • • •	•	•
				•	1		- ·•		·	+	• • • • • •	•	
		٠		•		1			•		•		
				•	. 1		- •		•	•		•	
10	TALS			1 7.7.	1.00.	171.3	1 7.7	03.6	· , · . 6	91.9	4°.6	98.	`46.

USAFETAC FORM 0-87-5 OL A-

2 .

PAUL CLIMATCLI Y R NUCH Flimat

RELATIVE HUMIDITY

ANT FILTA AND DE

CATE N

73-61

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

STATION NAME

	HOURS	•		PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TITAL
MONTH	; 5 T :	10	20	30	40:	50	60	70	80	90	RELATIVE HUMIDITY	NC OF OBS
- : :												
		•	`	•	•					•	•	•
	1-15	1	1	1	1 3.0	59.9	99.3	99.1	33.7	65.9	91.5	ប្តីដ
	- 1	1 7 • *	177.0	100.	1 3.4	135.0	99.8	96.	6.2	54.3	89.4	547
	1.1 = 1.4		1 7.0	99.5	54.5	97.8	94.1	33.	€5.9	37.7	22.9	€≎€
	: -17	130.1	39.5	90.4	03.	96.7	92.1	76.4	6 1	25.4	9 . 4	5 ² 4
	?.	•	.+				!					•
	.:-23	•		!	1					+	•	
	• "	•			+			!		*		• •
	•	-			+	1			+	*	• - • •	
	•				+···-	1		†				
		•	•	-	=	 	+	†	•	· · · · · · · · · · · · · · · · · · ·	• • • • •	
· T:	OTALS	1.0.0	•	99.5		98.0	96.5	88.9	76.4	45.1	36.1	7.5 7.5

USAFETAC FORM 0-87-5 (OL A)

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•• • •• •

DE RAL CLIMATOLOUY ERANCH SELTAC AN WEATHER SERVICE/NAC

RELATIVE HUMIDITY

1 PAR FILTA AAR UL STATION NAME PERIOD STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	•		PERCENTA	GE FREQUEN	CY OF RELATIV	E HUMIDITY C	REATER THAN			MEAN	TOTAL
MONT	LST	10	20	30°-	40%	50:	60 %	70 -	80	90	RELATIVE	NO DE OBS
11	· , - = = ;	•	•	+	•	•				•	•	•
	1-75	•	•	• •	•					 -		
		1 ~. 7	i-5.3	105	100.1	450.0	99.0	05.4	33.3	47.2	98.6	53·
	~-:1	1 0.7	1	100.7	59.9	99.7	96.1	84.3	43.0	23.2	20.8	774
	1 -14	157.7	79.9	. 99.7	79.3	93.9	82.5	56.7	72.2	17.3	77.1	6 76
	. " = 1.7	1.37	177.3	y9.T	97.6	89.	74.2	51.1	72.2	12.6	71.2	κ.α •
	: : :	•	•			-		• -			·	
	11-23	•		+		i	i			• · · · · · · · · · · · · · · · · · · ·		
	•	•		1		!	!	-+	:	* == =-	÷ ·- ·	· · · · ·
	٠	•	•			· +	 	:				
	٠	•	•						+	•	:	
	•	•	•		<u> </u>	+	†	!	+	 		
:	TOTALS	1 7.	1 7.0	99.8	99.2	95.7	98.0	71.9	52.7	25.6	70.9	
					~ ~~~							

0-87-5 (OL A)

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PAG CETHATCHOUS PRANCH

RELATIVE HUMIDITY

APP TO LOA AAF OL STATION NAME PERIOD WON

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH LST		•	-	PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	701A.
MONTH	t cst	10	20	30*-	40-	501-	604	70	80	90	RELATIVE	№ OF OBS
253	up-12			• =								
	3-15	•	• -	•	•						•	•
	e==s	1:0.7	1.0.0	107.7	99.8	39.~	97.4	95.4	71.5	34.4	54.9	. 517
	17-11	100.0	173.J	94.0	97.9	91.	79.4	56.8	36.2	17.2	73.3	609
	12-14	100.3	170.0	97.6	38.2	73.8	53.2	32.7	18.3	5.2	62.8	5 7 3
	15-17	130.0	100.0	96.6	82.5	66.4	47.0	30.8	16.8	3.3	67.3	5 S
	13 -2 ,	•	+	1			:		+	<u>-</u>		
	1-23	•	+					•				
	•	•	•		;			:		* · · · · · · · · · · · · · · · · · · ·		
	•	•	. •		 	1			†		··	
	•	•			•			•	!			·•
*	•	•			· · · · · · · · · · · · · · · · · · ·			†	 		:	•
,	TOTALS	1.10.1	170.0	98.5	92.1	82.5	69.3	52.7	35.7	14.0	70.3	2470

USAFETAC FORM 0-87-5 (QL A)

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The same of

SE FAL CLIMATCLOUY SPANCH L SFLTAC AL AFATHER SERVICE/MAG

RELATIVE HUMIDITY

1 845 FULDA AAF UL

5.4.11.16

73-81

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	•		PERCENTAC	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	·L S T	10	20	30°-	40°	50°÷	60	70 :	80	90	PELATIVE	NO OF OBS
4 1 Y	02-02			,	1		T				•	
•	33-05	•	• -	+		•			•			•
	36-08	130.0	170.0	100.0	99.8	99.5	95.1	83.4	58.7	25.7	81.8	634
	9-11	100.0	79.9	99.3	94.8	83.8	63.6	46.7	23.1	7.1	67.3	715
	10-14	110.0	170.3	98.7	84.9	63.3	44.2	28.8	12.6	4.7	59.1	643
	15-17	ามต.ๆ	170.3	95.5	79.2	56.8	42.9	29.3	12.6	5.0	57.7	539
	13-2	•						+		•		
	21-23	•		1								
	•	•	• • •					-	· · · · · · · · · · · · · · · · · · ·	4		
	•	•						i	1	1		
	•	•							,	<u> </u>	· • ·	
	•	†	•		1			 		 		
rc	TALS =	100.0	100.0	98.2	89.7	75.9	61.5	47.1	26.8	17.5	66.5	2531

USAFETAC PORM 0-87-5 (OL A)

SLOPAL CLIMATOLOGY BRANCH STAFETAC ATE *EATHER SERVICE/MAC

RELATIVE HUMIDITY

17 9445 FULDA AAF OL

73-81

JUN

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

н1иом	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(51)	10	20%	30°:	40°e	50.	60°	70°.	80	90	HUMIDITY	~ ∪ ∪# ⊃8S
JUN	ี้มา-82								,			
	_3~^5	•		1		:				•		,
	_5=08	1:0.7	175.3	130.0	100.0	59.8	98.6	91.7	66.2	29.5	84.2	5.7.4
	10-11	ר•חי ו	173.0	99.6	97.7	92.7	73.1	52.0	20.8	5.7	39.7	676
	12-14	1.0.0	100.0	98.1	91.1	73.5	46.6	28.5	11.1	۲.5	50.8	611
	15-17	100.0	79.4	95.2	87.0	65.8	41.1	25.3	10.0	1.7	· · · · · · · · · · · · · · · · · · ·	53P
	; e - 2.	•							1			•
	. 1-23	•									•	• . •
	•	• 44 THE S							1	*	* · · · - · ·	
•	•		ļ	1				i		†	!	
	•	1							:		!	
	•				1		+	1	i	 		
to	TALS	127.0	09.9	98.2	94.7	83.0	64.9	49.4	27.3	12.0	58.3	5483

USAFETAC FORM 0-87-5 (OL A)

GE PAE CLIMATOLOGY BRANCH JOSEPHAC AT WEATHER SERVICE/MAC

RELATIVE HUMIDITY

73-81 JUL 1 445 FILDA AAF DL STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	•		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN . RELATIVE	TOTAL NO OF
MONTH	LST	10	20°-	30°	40°	50°-	60	70 °∘	1 80	90	HUMIDITY	O85
J'A	`^-^,	•	•	1								•
	.3-05	•			+		,	i			•	•
	_6-na	1.0.3	170.0	130.0	100.0	99.5	97.4	93.3	67.8	32.9	84.9	527
	11	1.0.0	99.7	98.7	97.5	92.6	78.2	55.6	27.8	7.0	71.2	717
•	1 -14	160.0	99.1	96.9	91.7	74.9	48.2	30.1	12.2	2.6	51.2	645
-	15-17	107.5	97.7	95.7	32.7	64.7	41.4	23.7	13.7	2.1	57.7	5 7 7
	18-20	•	:			+	+	 		1		
	1-23	+ .		1						1		+
	•	1	· .+-		+	+	 - - - 		 			•
	•			 	+	 		 	 	 	:	·- ···
	•		-			 			 	 	i	
•	•	· · ·	· · · · · ·		-	 	+	 	 	<u> </u>	 	+
	OTALS	1.0.7	79.1	97.8	92.8	82.9	66.3	50.7	29.6	11.2	69.8	2521

USAFETAC FORM 0-87-5 (OL A)

2 1

CELFAL CETMATOLOGY BRANCH LOFE TAG TO AFATORR SERVICE/MAC

RELATIVE HUMIDITY

FULTA AAF DE 1 445

73-81

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL NO OF
HTMOM	(LST)	10%:	20 ° ∘	30*-	40°c	50°∞	60	70 :	80	90	HUMIDITY	OBS
١٥	3-02	•										
	3-25		*									•
	06 - 06	130.3	170.3	100.7	100.0	15h.6	170.0	y5.7	79.9	4 ₹ • 2	36.7	
	. 9 - 1 1	100.0	170.0	99.5	08.9	92.3	77.3	63.1	31.	12.6	77.3	7 ~ ~
•	12-14	1.7.7	99.7	96.2	89.7	74.2	53.2	31.7	13.3	4.4	1 61.8	652
•	15-17	1.0.7	99.1	93.6	80.9	66.7	43.3	24.4	8.9	2.6	58.0	587
	19-2	•						,				•
•	1-23										4	
•	•	• • • • •	+					<u> </u>				•— —-
,	•	1	,						i	1	•	•
•	• • •	!	!								:	•
•	•	· · · —	·· +·									•
10		130.0	39.7	97.4	92.4	83.3	69.D	53.7	33.3	17.0	70.5	7565

0-87-5 (OL A)

ULTRAL CLIMATOLOGY BRANCH U NESTAC A: "FATHER SERVICE/MAC

RELATIVE HUMIDITY

1 445 FULDA AAF DL 77-81 STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUEN	CY OF RELATIV	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10	20	30∘∘	40°	50°,	60%	70°,	80	90	HUMIDITY	~C 5+ ○8\$
SEE	. 3~02	•		• •					1		• .	
	.3-75	* *	•		-+	1	- 				• -	•
	4=f18	1.5.3	100.0	100.0	100.0	0.101	99.6	98.1	55.4	59.4	3.8	
	.3-11	1.0.0	170.5	107.0	100.0	58 • ₹	92.4	79.9	46.1	19.2	79.4	547
	17-14	1.9.3	1^^.3	130.0	99.4	88.5	65.2	41.7	17.5	5.8	67.1	
	15-17	1 7.7	170.5	130.7	95.5	62.6	59.8	35.9	15.0	5 . P	54.8	
	14~20	•		- +	 		 	 				•
•	21-23	+	· - · · · · · · · · · · · · · · · · · ·	-	 	 	+	 	<u> </u>	→ · · -	•	•
	•	•	- +	†	 		 			•		
	•	•		1			+			i	+	,
	•		- -		+	-	 					
•	•	•	+	+		 		 	<u> </u>		1	••
	OTALS	150.0	100.0	100.0	98.5	92.2	79.3	63.9	41.	22.3	75.5	2371

PORM 0-87-5 (OL A)

RELATIVE HUMIDITY

. -44° FILE FLERA AAR OL

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	'OTAL
MONTH	LST	10	20	30	40°.	50°	60 .	701	80	90	RELATIVE HUMIDITY	NO OF OBS
usr	7-71											
	3-75	• –	•	•					1			
	b = 18	1 2.3	1 17.5	100.3	100.0	99.5	99.3	96.9	87.4	b^•9	91.0	5 1 5
	5-11	1 0.7	79.9	99.7	99.4	98.4	96.6	88.3	55.4	35.7	84.4	, 5 6 7
	114	1.2.3	170.3	99.5	98.1	95.2	83.5	65.1	36.	. 13.7	74.5	644
	15-17	150.7	99.5	98.9	98.3	93.9	87.3	62.7	36.5	11.4	73.6	553
	.==?.	•	•						!	•		
	21-23	•		1				1		•		
	•	•	• • • •		!	1	į			• • • • • • • •		•
	•	•		1			İ		·		• •	
	•	•	•						 		•	• • •
	•	•		1			†	 	·		· • · •	- 1
, T(DTALS	1.0.0	99.9	99.5	98.9	96.8	89.9	78.1	56.3	30.4	80.9	2465

USAFETAC FORM 0-87-5 (OL A)

UL PAL CLIMATOLOUY PRANCH L /FLTAC AT WEATHER SERVICE/MAC

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t

RELATIVE HUMIDITY

1 445 FULDA AAF DE PERIOD STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	•	MEAN	"U" A .								
		10	20	30	40 «	50°.	60	70	80	90	RELATIVE HUMIDITY	NS/ 3# □85
* ^ v	u .; = ° ;	•		•					•			
	3-05	•	• • =	+	• ==		• • • •	• • • • • • • • • • • • • • • • • • • •			• -	
	.a − '&	1. ~.~	173.3	100.7	170.5	1 200€0	99.8	96.3	85.5	44.4	88	
	7-11	150.3	100.0	12 • 7	113.0	99.5	96.8	92.	75•	35.5	35	64 ⁻
	10-14	1.0.7	1 ^n.3	125.7	1.5.0	98.7	95.3	85.7	55.6	15.9	3 . 6	677
	17	1:0.7	1 '0.5	100.0	103.0	100.0	95.9	86.6	57.7	10.1	-1.a	5 ~~
	2		•	+	†		- 	+	·+	•	•	
	_1-23	•	•	1	1		1	· 			•	
	٠			-	†		1		+	• • • • • • • • • • • • • • • • • • • •		
	•	•			+		!	· †	 	†·		•
•	٠										· ·	
		•			+ !	<u> </u>	†	! -			•	•
, ,	OTALS	1.7.7	1 3.3	103	170.0	99.6	97.0	95.1	69.2	29.0	94.	5300

USAFETAC FORM 0-87-5 (OL A)

DE RAL CLIMATOLOUY RRANCH 150740 47 ASITHER SERVIC /MAG

RELATIVE HUMIDITY

1 - 445 FULS A ARE CL 73-81 DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MON'H	HOURS (ST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										TOTAL
		10	20	30	40°-	50 :	60	70	80	90	RELATIVE HUMIDITY	∾i0 0# 0#85
٥٠٤	10-12											
	33-75	•	•	•	. •						• • • • •	•
	∫5 - 16	100.7	100.3	100.7	100.0	100.0	99.8	99.4	91.	59.4	98	547
	5-11	10.7	170.0	150.7	105.0	100.0	100.0	98 • 1	87.1	48.9	89.2	6.7°o
	13-14	10.1	176.5	157.7	100.0	99.9	97.4	92.9	74.7	35.0	85.6	617
	10-17	1 0.3	10.3	100.0	170.0	99.8	98.7	92.9	77.8	36.5	96.1	537
	. 5 = 2.	•					!					.,
	11-23	•	•	1								
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,	•	•	•	- 	+				1			•
	•	•		1			- 				•	•
10)TALS		100.0	140.3	1-0.0	99.9	99.0	95.9	82.7	44.7	87.9	231

USAFETAC PORM 0487-5 IOL A

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

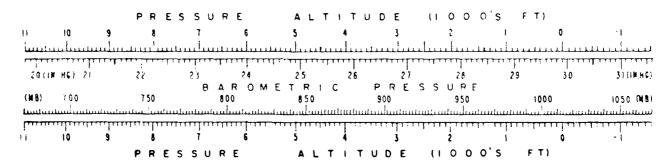
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local nourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945. Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65. METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented . aillibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HE FROM HOURLY BESERVATION.

USAFETAC TOTAL C 80 5 (OLA)

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